

INDEX TO VOLUME 127

1953

Trans.
TF
1
R16

A

Accidents:
Bureau of Locomotive Inspection report Mar-76, Mar-105*
Explosion of diesel-electric air reservoir, Report on (I.C.C.) May-96
Speed, Trading, for heat June-66*
Washington wreck, Cause of, Closed angle cock Apr-85*
Adhesive, Air filter, Diesel engine (SP-Farr-California Research) Mar-65*
Adjuster, Slack, Automatic, for freight cars, Kiasing Hand Brake Company Apr-110*
Adjuster, Slack, Double acting, American SAB Company June-108*
Aeroquip Corporation:
Bushing, Broached surface Mar-120
Coupling, Slide steel May-94*
Hose Line, Steam Sept-129*
Africa, Central, first electrified railway Mar-104*
Air cell springs for passenger and freight car trucks, Tinken Roller Bearing Co., General Tire & Rubber Co. Sept-90*
Air Conditioning Club (see Clubs and Associations)
Air conditioning report (Elec. Sect.) Aug-76
Aircraft-Marine Products, Inc., Flag-type solderless terminals June-114*
Aircraft-Marine Products, Inc., Solderless terminals for thin-walled insulation Feb-82*
Air-Mover, MSA-Lamb, for degassing tank cars, Mines Safety Appliance Co. Apr-90*
Airslide covered hopper cars, General American Transportation Company June-78*
Allied Railway Supply Association, 1953-54 officers Nov-96
Alloy, Copper base, Telnic, Chase Brass & Copper Co. Jan-91
All-State Welding Alloys Co., Inc., Variable speed work positioner Nov-152*
Alton & Southern:
Press, Jaw, Coupler Jan-70*
Pressure spray system for cleaning diesels Mar-75*
Welding of sand pipe brackets June-80*
American Air Filter Company, Inc., Gas-fired unit heaters Dec-114*
American Institute of Electrical Engineers:
Johansson, A. V., and H. R. Stiger, Dynamic braking on diesel-electric locomotives Feb-69*
Stair, J., Jr., Effect of electrical apparatus on locomotive maintenance. Feb-75
American-La France Foamite Corporation, Dry chemical one-man fire engine Mar-145
American Locomotive Company:
Locomotive, Diesel-electric, Switcher, 800-hp. July-53*
Locomotive, Switcher, Road, 1,600-hp., for U. S. Army June-69*
Questions and answers, Diesel-electric locomotives Jan-71, Feb-65, Mar-91, Apr-92, May-86, June-102, July-80, Sept-113, Oct-90, Dec-82
American Railway Car Institute (see Clubs and Associations)
American Rectifier Corporation, Rectifiers for d.c. power supply Oct-126*
American SAB Company, Double acting slack adjuster brake regulator June-108*
American Silver Company, Inc., Industrial Div., Precision rolled tantalum strip Nov-159
American Society of Mechanical Engineers:
Cottrell, R. B., What causes stresses in brake beams Feb-45*
Oil and Gas Power Division: R. O. Montenero, Crankcase explosions Jan-58*
Program, 1953 Nov-132
Railroad Division: Officers, 1953 Jan-96
American Steel Foundries: Road and laboratory tests for developing one-piece brake beam Feb-45*
American Welding Society: Fred I. Plummer, President, 1953-54 Dec-90
Anchor, Insulated, Pipe, Underground, Durant Insulated Pipe Company Mar-120*
Anco Instrument Division, Elec-Detec noise detector Sept-114*
Anderson, Robert, Machine Company, Sand blasting of a.c. condensers Aug-94*
Andrews-Alderfer Company, Foam fabric upholstery Nov-153*
Apex Railway Products Company, Running boards applied with rivets July-88*
Apex Tool & Cutter Co., Radius grinding fixture July-84*
Appleton Electric Company, Electrical conduit connectors Sept-134*

Appliances, Safety, report (Mech. Div.) Aug-74
Arbitration report (Mech. Div.) Aug-69
Armour Research Foundation, Headquarters change May-99
Assembly, Dry Joint, Differential, National Welding Equipment Company Dec-106*
Associated Research, Inc., Model 328 Fast-term temperature indicator Sept-136*
Associated Research, Inc., Model 424 Hypot instrument for high voltage tests Feb-81*
Association of American Railroads:
Conventions, June Aug-52*
Electrical Section:
Engineering and Mechanical Divs.; Aydelott, J. H., Address by Aug-78
Election of officers Aug-76
Electrical Section comes through July-40*
Reports:
Air conditioning and refrigeration Aug-76
Automotive and electric rolling stock Aug-77
Car electrical equipment Aug-79*
Collaboration Aug-86
Corrosion resisting materials Aug-77
Diagrams, Wiring Aug-82
Electric heating Aug-78
Electrolysis Aug-81
Illumination Aug-87*
Materials, Wire, cable and insulating Aug-83
Motors and controls Aug-79
Radio and communication systems Aug-79
Railway electrification Aug-81
Repair shops Aug-83*
Power Supply Aug-81
Safety Aug-81
Transmission lines Aug-86
Welding and cutting Aug-86*
May, R. G., Appointment, Operations and Maintenance Department Sept-116*
Mechanical Division:
Addresses:
Aydelott, J. H., Interdepartmental team work Aug-61
Cover, H. T., Find college men who want to railroad Aug-73
Dawson, V. N., Co-operation between A.A.R. Divisions Aug-71
Londahl, E. A., More long flat cars—better floors Aug-65
Patterson, W. J., Power brake conditions deteriorating Aug-63
Symes, J. N., Control of employees "on their own" Aug-57
White, William, Railroad is a business Aug-69
General Committee, Election of officers Aug-56
Reports:
Arbitration committee Aug-69
Axle and crank pin research Aug-60
Brakes and brake equipment Aug-68
Car and locomotive lubrication Aug-74
Car construction Aug-56*
Car wheels Aug-72
Couplers and draft gears Aug-60
Forest products loading Aug-63
Geared hand brakes Aug-70
Loading rules Aug-62
Locomotive construction Aug-64
Prices for labor and material Aug-67
Safety appliances Aug-74
Specifications for materials Aug-72
Tank cars Aug-70
Registration figures, Atlantic City conventions Aug-55
Atchison, Topeka & Santa Fe:
Car, Flat, Depressed-center Oct-74*
Cars, Freight, painted at Emporia shops Oct-66*
Cars, Freight, Reefers, MTC Nov-102*
Frame, Steel, for holding diesel trucks Nov-108*
Insulation, Silicone rubber, for traction motor frame coils Dec-65*
Motive power study, by T. T. Bickley Sept-84*, Oct-70*
Puller, Wedge, for traction motor pinions Jan-79*
Shop, Electrical, Repair, San Bernardino, Addition to Apr-97*
Washer, Window, Passenger Car Feb-61*
Wedges, Journal-box, Reclamation of Dec-64*
Atkomatic Valve Company, Solenoid valves Jan-91*
Atoms, Radio-active, for diesel service tests (D.&RGW) Oct-96
Attachment, Angle head, Ingersoll-Rand Company Dec-88
Automatic Transportation Company, Lift truck with electric transmission July-108*

Axle research report (Mech. Div.) Aug-60
Axles, Freight car, Failures of, contributing to hot boxes (N.&W.) July-48
Aydelott, J. H., Interdepartmental team work (Mech. Div.) Aug-61

B

Bailey, W. A., Electric locomotives for Niagara Junction Railway Apr-94*
Baker, W. C., Cooperation in the coal yard (CDOA) Nov-61
Baldwin-Lima-Hamilton Corporation, Universal testing machine Aug-117*
Baltimore & Ohio:
Brake assembly, AB, Automatic Oct-58*
Ducts, Metal, Wirewa, for rewiring locomotives June-91*
Museum Aug-104*
Shop, Steam, Glenwood, converted to diesel Jan-63*, Mar-87*
Band machine (see Machine tools)
Barco Manufacturing Co., Ball bearing swing joints May-92*
Bas Congo au Katanga Railway, Electrification of Mar-104*
Battery charging, Control for, by M. D. Henshaw, and B. L. Judy Sept-105*
Battery circuits, Maintenance of, by B. L. Judy and W. S. O'Kelly Jan-80*
Batteries:
Maintenance of, and charging, by M. D. Henshaw and B. L. Judy Oct-82*
Storage, High-capacity, T-H Exide Ironclad, Electric Storage Battery Co. May-94
Beam, Brake, safety support, Grip Nut Co. Oct-92*
Beams, Brake, Hanger-type, A. O. Smith Corporation Sept-133*
Bearing Suspension, Traction motor, General Electric Co. Oct-94*
Bearings, Armature, Traction motor, Pinion end, Hyatt Bearings Division, General Motors Corporation Mar-120*
Bearings, Axle, Hourglass, by W. P. Welch Dec-70*
Bearings, Journal:
Car, Landing, Iron-back Apr-69*
Roller, Anti-friction, Improvements in, SKF Industries, Inc. Nov-124*
Solid, Are they neglected?, by James G. Dick Feb-62
Bells, M. W., Diesel engine governors Mar-98*
Bender, Compression, Cut-off, Pines Engineering Company Nov-122
Bendix Aviation Corp., Scintilla Magneto Div., Cleaning solution for spray tips Sept-135*
Bishop Manufacturing Corporation, Electrical insulating neoprene tape Mar-146
Black & Decker Mfg. Co., valve refacer Dec-106*
Blasting, Sand, machine for cleaning a.c. condensers, Robert Anderson Machine Company Aug-94*
Blickle, T. T., Santa Fe's diesel motive power Sept-84*, Oct-70*
Block, Wheel, Car, Calumet Steel Castings Corporation Dec-106*
Blowpipe, W-24-R, for flame hardening of truck center castings, Oxweld Railroad Service Company Aug-102*
Boards, Running, Tri-Lok Type A-1, Applied with rivets, Apex Railway Products Company July-88*
Bogue Railway Equipment Division, Belcon selenium rectifiers Jan-92*
Boilers, Steam, Preparing, for 30-day away-from-home period report (MBMA) Nov-71
Boilers, Water-tube, Type VP Package Boiler, Combustion Engineering, Inc. July-84*
Books:
An Economic Investigation of Solid Journal Bearing Operating in Freight Service on Two Large Class I Railways May-50
Control of Electric Motors Mar-106
Engineering Manufacturing Methods Apr-108
Industrial Brazing Sept-75
Inert-Gas-Shielded Metal-Arc Welding Process, The Sept-75
Measurement Techniques in Mechanical Engineering Dec-43
Metadyne Statics Feb-80
Pocket Manual of Arc Welding Feb-80
Sand in Their Shoes Mar-106
Specifications for Brazing Filler Metal May-50
Trane Air Conditioning Manual June-66
World Railways July-42
Boring machine (see Machine tools)

Boring, Step size, in turning wheel seats:
Is it always the best practice?Apr-1078
Box for cleaning commutator pinions
(Frisco)Nov-84*
Box for making journal box packingSept-83*
Boxes, Journal:
Hot:
Causes and frequencies of, by M. A.
Pinney May-53*, June-118
Device to stop train if hot box oc-
curs, by A. J. HebertFeb-59*
Is there a permanent solutionJuly-428
Procedure for reduction of
(N.&W.)July-45*
Performance, Improvement of, Insti-
tute of Thread Machiners, Inc.Apr-116
Roller bearing, Franklin Balmar Corpo-
rationAug-96*
Stop for, by J. L. Ryan (St.L.S.F.) July-82*
Brady, W. H., Company, Self-adhesive aisle
markersOct-128*
Brake assembly, AB, Automatic (B&O) Oct-58*
Brake beams, One-piece, Laboratory and
road tests for developing (American
Steel Foundries)Feb-45*
Brake equipment, Diesel, Standardization
of, report (ABA)Nov-76
Brakes:
Air, Questions and answers: 24 RL. Jan-72
Feb-66, Mar-92, Apr-93, May-86,
June-104, July-78, Oct-89
Brake equipment report (Mech. Div.) Aug-68
Car, Freight, Multiple capacity, report
(ABA)Nov-77*
Hand, Beared, report (Mech. Div.) Aug-70
Power, conditions deteriorating, by W.
J. Patterson (Mech. Div.)Aug-63
Braking, Dynamic:
Adding, to locomotive units (South-
ern)Dec-69*
Control system for, General Electric
CompanyFeb-69*
Keep 'em rollin' series, by B. L. Judy
and A. V. JohanssonNov-111*
Breed, Allyn C., Assistant director, Bureau
of Locomotive InspectionDec-90*
Breed, Allyn C., Watch the repeaters!
(LMOA)Nov-85
British Industries Corporation, Interna-
tional Machinery Division, "Machine
Tool Caravan"May-100*
Brown Engineering Co., Four-in-one vise May-90*
Brush for diesel electric traction motors,
National Carbon CompanyJan-94
Budd Company:
Cars, Passenger, for Zephyr trains
(CB&Q)Apr-80*
Bulb, Light, mounted on bench for inspec-
tionJuly-69*
Bullard Company, Vertical chucking
grinderMay-92*
Bureau of Locomotive Inspection (see
I.C.C.-Government)
Burner, Carbon arc, How to use, in bat-
tery repairMay-85*
Bushings, Broached surface, Aeroquip
CorporationMar-120

C

Calculator, Weld strength, Lukens Steel
CompanyNov-152
California Research Corp., Tests develop
air filter adhesiveMar-65*
Calumet Steel Castings Corporation, Car
wheel blockDec-106*
Canadian National, Experimental, refrig-
erator, car, Marine Industries, Ltd.May-96
Canadian Railway Club (see Clubs &
Associations)
Catalyst for battery flushing, Industrial
Research, Inc.Aug-92*
Car:
Construction report (Mech. Div.)Aug-56*
Electrical equipment report (Elec.
Sect.)Aug-79*
Freight:
Design, for reduced maintenance, by
H. L. PriceMar-79*
Downgrading, to prevent loss and
damage, by A. R. SchroederSept-748
Flat, More long, better floors, by
W. A. Londahl (Mech. Div.)Aug-65
Heavy repairs, Shops and procedures
for, by R. H. HermanMay-66*
Hopper, Design of, to eliminate cor-
rosion, by L. W. Doggett (Virgi-
nian)July-56
Painting at Emporia shops
(AT&SF)Oct-66*
Reefer, Aluminum, Inspection of, Mar-72*
after six years' service (IC)May-99
Reefers, Mechanically cooled, not
newOct-50
Refrigerator cars in the limelightMay-48
Refrigerator, Experimental (Marine
Industries, Ltd.-C.N.)May-96
Tank, degassing of, Lone Star Gas
CompanyApr-90*
Tank, report (Mech. Div.)Aug-70
Passenger:
Diners, Refrigeration of (N.&W.) May-76*
Maintenance report (CDOA)Nov-63
Modernization of, Burnside (I.C.) July-66*

Car Foremen's Association of Chicago
(see Clubs and Associations)
Carriers, Piston, Reconditioning
(CB&Q)Apr-89*
Cars:
Freight:
Box, Built in record time (NP)Oct-75*
Box, Repair program (MP)Dec-58*
Box, Steel grain, Reconditioned,
from wood (St.L.S.F.)June-74*
Flat, Depressed-center (AT&SF)Oct-74*
Hopper, Covered, Airslide, General
American Transportation Company June-78*
Hopper, Covered, All-welded, 70-ton,
PS-2 (Pullman-Standard)Apr-74*
Reefers, MTC (AT&SF)Nov-102*
Refrigerator, 70-ton, "Superinsulat-
ed", Mechanical (CB&Q)Nov-132*
Passenger:
for Burlington Zephyrs (CB&Q-
Budd)Apr-80*
"Super-Dome" (CMSTP&P-Pull-
man-Standard Car Manufacturing
Co.)Feb-49*
Cash Valve Manufacturing Co., A. W.
Pressure reducing regulating valvesNov-153*
Central of Georgia, Rewinding, traction
motors and generators, in medium-sized
shopOct-78*
Central Safety Equipment Company, Vent-
A-Drum safety valveDec-110*
Central Vermont, Diesel school for shop
menMay-98
Chase Brass & Copper Co., Teflon copper
base alloyJan-91
Checker, Wheel, Car, detects broken flanges
(RF&P)Apr-88*
Chemicals & Materials Distributors Corpo-
ration, Vego No. 17 electrical cleanerJuly-84
Chesapeake & Ohio, Huntington diesel shop Jan-50*
Chicago and Illinois Midland, Welding jig
for gondola side gussetsDec-61*
Chicago & North Western, Elco machine
for cleaning carbon groundsMar-96*, Apr-96
Chicago, Burlington & Quincy:
Carriers, Piston, ReconditioningApr-89*
Cars, Passenger, for Zephyr trains
(Budd)Apr-80*
Cars, Refrigerator, 70-ton, "Superin-
sulated", MechanicalNov-132*
Heads, Locomotive, Electro-Motive,
converted to grommet typeFeb-54*
Spraying, Metal, diesel locomotive
partsApr-86*
Chicago Car Foremen's Association (see
Clubs and Associations)
Chicago, Milwaukee, St. Paul & Pacific:
37-year old rebuilt electric locomotive July-73*
Cars, Passenger, Super Dome (Pull-
man-Standard Car Manufacturing
Company)Feb-49*
Valves, AB, Cleaning ofJune-90*
Chicago Railroad Diesel Club (see Clubs
and Associations)
Chicago Wheel & Mfg. Co., Silicon carbide
hand honeNov-159*
Chisels, Octagon alloy, J. H. Williams
& Co.May-118*
Circuits, Battery, Maintenance of, by J.
L. Judy and W. S. O'KellyJan-80*
Clamp, Air, for radial drill pressSept-99*
Clarke, Owen F., Appointment, Bureaus of
Safety and Locomotive InspectionSept-115*
Cleaners (see Cleaning equipment)
Cleaning equipment:
Air-filter washing and oiling machine,
Paxton-Mitchell Co.Mar-84*
Booster Jet cleaning unit, Sellers In-
jector CorporationAug-94*
Cleaners:
Electrical, Turco-Solv, Turco Prod-
ucts, Inc.June-114*
Electrical, Vego No. 17, Chemicals &
Materials Distributors Corporation July-84
Emulsion, for metal, Pennsylvania
Salt Manufacturing CompanyMar-118
Hand, Corn cob meal, Magnus Chem-
ical CompanyMay-94
Hand, Waterless, Magnus Chemical
Company, Inc.Aug-92
Jet, for diesel trucks, Sellers In-
jector CorporationDec-88*
Degreaser, Semi-portable, Detrex Cor-
porationJan-88*
Degreaser, Ultrasonic, Topper Equip-
ment CompanyJuly-88*
Elco machine for cleaning carbon
grounds (C&NW)Mar-96*, Apr-96
Pressure spray system for diesel loco-
motives (A&S)Mar-75*
Sand blasting machine for a.c. con-
densers, Robert Anderson Machine
CompanyAug-94*
Solution for Bendix spray tips, Scin-
tilla Magneto Div., Bendix Aviation
Corp.Sept-135*
Spray, All purpose, Kelite Products,
Inc.July-111
Sprayer, PistolJuly-111*
Window washer, Movable, Passenger
Car (AT&SF)Feb-61*
Cleaning facilities, Air brake equipment, at
Houston (SP)Feb-57*
Climax Molybdenum Company, All-electric
locomotive to meet clearance limitations Oct-77*
Clothes, Work, Dynel fabric, Mine Safety
Appliance CompanyMar-146

Clothes, Work, Fire retardant, Textile
Processing CompanyOct-92
Clubs and Associations:
Air Conditioning Club:
Lofton, E. K., Caboose generator
drives, Dayton Rubber Co.Mar-93*
Zuske, Harold J. and Robert G. Hill,
Caboose generator drives, Leeco
NevilleMar-95*
Meeting at Rocky MountMay-84*
American Railway Car Institute: Gustav
Metzman, ChairmanFeb-84*
Canadian Railway Club: Are solid
journal bearings neglected?, by James
G. DickFeb-62
Car Foremen's Association of Chicago,
Price, H. L., Car design for reduced
maintenanceMar-79*
Chicago Car Foremen's Association:
Schroeder, A. R., Downgrading
freight cars for loss and damage
preventionsSept-748
Chicago Railroad Diesel Club, V. E.
McCoy, Human relations and the
foremanApr-1088
Eastern Car Foremen's Association:
Mundt, G. A., Changes in inter-
change rulesMay-71
Pinney, M. A., Where and how often
do hot boxes occur?May-53*, June-118
Pacific Railway Club:
Hardy, A. W., B. F. Kline, F. J.
Hanly, Air filter adhesive de-
veloped in testsMar-65*
Plummer, K. V., Refrigerator cars May-488
Southern and Southwestern Railway
Club, W. K. Simpson, Mixing of
heavy-duty diesel crankcase lubricat-
ing oilsMar-124
Coatings, Air filter, Semi-fluid, Applying,
Twin units for, Paxton-Mitchell Com-
panyJuly-86*
Cock, Angle, Closed, cause of Washington
wreckApr-85*
Coil ends, Removing from commutator ris-
ers, by C. F. SteinbrinkJuly-70*
Coils, Steam generator, Cleaning and test-
ing (MBMA)Nov-66
Collaboration report (Elec. Sect.)Aug-86
Colonna, Angelo, and Company, Refrigera-
tor and deep freeze boxes for refrigerated
dining cars (N.&W.)May-76*
Combustion Engineering, Inc., Type VP
Package Boiler, water-tube boilersJuly-84*
Communication systems for rolling stock
report (Elec. Sect.)Aug-79
Comparator, Mechanical, DoAll Com-
panyDec-104*
Compounds:
Diesel engine, Oil seal and coating,
Spring Packing CorporationOct-94*
Insulating, Electrical, "Scotchfil", Min-
nesota Mining and Manufacturing
CompanyMar-145*
Melting, Ice and snow, Speco, Inc.Feb-82
Sealant, for pipe connections, West
Chester Chemical CompanyOct-92
Compressing device, Friction-block-spring
Air, for truck bolstersSept-99*
Compressor lubrication, Air (ABA)Nov-74
Connectors, Conduit, Electrical, Appleton
Electric CompanySept-134*
Connectors, Spring wire, Minnesota Min-
ing and Manufacturing CompanyNov-120*
Conner, Homer G., Safety in railroad oper-
ation (RF&TEA)Nov-82
Contractors, Cutler-Hammer, Inc.July-86
Control for battery charging, by M. D.
Henshaw and B. L. JudySept-105*
Control gear, Diesel electric locomotive,
Maintenance ofApr-101*
Controller, Rotax, Model 40, for dust level
control, Foxboro CompanyFeb-81*
Construction, Train, to reduce operating
troubles, by A. M. Malmgren (ABA)Nov-92
Consulting department: Ernst, W. A.,
Flashovers, Causes ofJan-87
Conventions, June A.A.R.Aug-528
Coordinated Mechanical Associations:
Air Brake Association:
Addresses:
George, L. B., Tomorrow's
craftsmen—how to get themNov-72
Malmgren, A. M., Train construc-
tion to reduce operating
troublesNov-92
Assuring future skillsNov-598
Officers, 1953-54Nov-95
Program, 1953Sept-91
Reports:
Brake equipment, Diesel, Standard-
ization ofNov-76
Brakes, Car, Freight, Multiple
capacityNov-77*
Compressor, Air, lubricationNov-74
Indicator, Flow, Pipe, Brake,
Type B, Road service trials of Nov-75
Trains, Stopping, from the rearNov-73
Car Department Officers' Association:
Baker, W. C., Cooperation in the
coal yardNov-61
More and better car inspectionNov-588
Officers, 1953-54Nov-54
Program, 1953Sept-92
Reports:
PaintingNov-62
Passenger car maintenanceNov-63

Car Department Officers' Assn. (cont'd)

Reports (cont'd)

Lubrication, Car	Nov-65
Repairs, Car, Interchange and billing for	Nov-64
Yard operations, Train, Analysis of	Nov-65
Committee of, 1953-54 officers for	Nov-95
Committee of Coordinated Associations, 1953 officers	Feb-86
Locomotive Maintenance Officers' Association:	
Breed, Allyn C., Watch the repeaters!	Nov-85
Nothing succeeds like success	Nov-59
Officers, 1953-54	Nov-95
Program, 1953	Sept-91
Reports:	
Diesel personnel, Training	Nov-89
Diesel shop pattern slowly taking shape	Oct-53*
Flashovers—Causes and remedies	Oct-76
Flashovers, Reasons for (Discussion—J. K. Stotz)	Nov-107
Locomotive, Diesel, Rewiring of	Nov-106
Lubrication of diesel engines	Nov-87
Wheels, Diesel, Defects in	Nov-90*
Wheels, Diesel, Inspecting	Nov-86*
Master Boiler Maker's Association:	
Addresses:	
Ernstrom, G. L., Boiler supervisors and diesels	Nov-70
Russell, D. P., Safety must be built into ourselves	Nov-68
M.B.M.A.'s future, The	Nov-58
Officers, 1953-54	Nov-96
Program, 1953	Sept-91
Reports:	
Boilers, Steam, Preparing, for 30-day away-from-home period	Nov-71
Coils, Steam generator, Cleaning and testing	Nov-66
Reservoir, Air, Inspection, cleaning and maintenance	Nov-68*
Tanks, Water, Diesel, Washing and cleaning	Nov-67*
Water treatment for diesel cooling and feedwater systems	Nov-69
Welding, Cylinder heads reclaimed by	Dec-53*
Railway Fuel and Traveling Engineers' Association:	
Addresses:	
Conner, Homer G., Safety in railroad operation	Nov-82
Jenks, D. B., The traveling engineer	Nov-84
Talbot, Louis E., What is fuel for diesel locomotives?	Mar-82
Wilson, Fred, Reduce rough handling	Nov-79
Wilson, W. T., CNR take employee relations seriously	Nov-80
Discipline	Nov-58
Officers, 1953-54	Nov-96
Program, 1953	Sept-92
Reports:	
Diesel enginemens, Instructing	Nov-81
Diesel failures and remedies	Nov-79
Fuel comparisons, Steam-locomotive	Nov-83
Fuel oil, Diesel, Conservation of	Nov-83
Smoke abatement	Nov-80
Registration at September meetings	Nov-93
Corrosion conference, Fourth Railroad, Wrightsville Beach, International Nickel Company	July-55*
Corrosion inhibitors, What they should and should not do, by I. F. Wilkes	Sept-77*
Costs Maintenance: How long will diesels last?	Apr-108
Coupler, Tightlock, Type H, Tests of (Mech. Div.)	Aug-62
Couplers report (Mech. Div.)	Aug-60
Coupling, Slide seal, Aeroquip Corporation	May-94*
Cottrell, R. B., What causes stresses in brake beams (A.S.M.E.)	Feb-45*
Cover, H. T., Find college men who want to railroad (Mech. Div.)	Aug-73
Covers, Industrial truck storage battery, Replacing, Gould-National Batteries, Inc.	Feb-77*
Cox & Stevens Aircraft Corp., Freight car electronic scale	Feb-82*
Craftint Manufacturing Company, Non-inflammable paint and varnish remover	Mar-122
Crankcase explosions, Prevention of, by R. O. Montenero	Jan-58*
Crank-pin research report (Mech. Div.)	Aug-60
Crankshaft rotating device for Electromotive engines	Jan-62*
Crouse-Hinds Company, Explosion-proof hand lamps	Dec-88*
Crozier Machine Tool Company, Bushing and bearing extractor	Nov-159*
Cutler-Hammer, Inc., Magnetic starters, contactors and relays	July-86*

D

Davis, Harvey N., Dr., dies	Jan-96
Dawson, V. N., Co-operation between A.A.R. Divisions (Mech. Div.)	Aug-71
Dayton Rubber Company, Caboose generator drives	Mar-93*
Degreasers:	
Semi-portable, VS Jr, Detrex Corporation	Jan-88*

Degreasers (cont'd)

Ultrasonic, Topper Equipment Company	July-88*
Vapor, Phillips Manufacturing Company	Nov-126*
Delaware & Hudson, Hand pyrometers for engine bearing temperatures	Dec-68*
Delaware, Lackawanna & Western, Tests and research on journal bearings, iron-back, Laudig	Apr-69*
Delta-Star Electric Division (see H. K. Porter Company, Inc.)	
Denison Engineering Co., Touch control valve for hydraulic press operation	May-94
Denver & Rio Grand Western, Radio-active atoms for diesel service tests	Oct-96
Design, Car (see Car-Design)	
Design, Effect of, on locomotive maintenance, by J. Stair, Jr.	Feb-75
Detector, Noise, Elec-Detec, Anco Instrument Division	Sept-114*
Detrex Corporation, VS Jr semi-portable degreaser	Jan-88*
Device, Spring-lifting, for changing carbon brushes, General Electric Co.	Oct-94*
Device to stop train if hot box occurs, A. J. Hebert	Feb-59*
Diagrams, Wiring, report (Elec. Sect.)	Aug-82
Diameters, Inside, Diesel Polishing of locomotive pinions, (Frisco)	May-59*
Dick, James G., Are solid journal bearings neglected?	Feb-62
Dies for forming sill steps	Sept-83*
Dies, Rotary, for putting offsets in plate steel	Sept-83*
Diesels: How long will they last?	Apr-107
Diesels: What it takes to keep 'em rolling	Feb-80
DoAll Company, Band machine for production sawing	Dec-103*
DoAll Company, Mechanical comparator	Dec-104*
Dodge Manufacturing Corporation, Four-unit variable speed drive	Jan-91*
Doggett, L. W., Factors in hopper-car design on Virginian (Corrosion Conference)	July-56
Dolly, Generator, Alco	Apr-91*
Doors, Car, Refrigerator, Youngstown Steel Door Company	Sept-114*
Dow Corning Corporation, No. 997 silicone insulating varnish	Apr-112
Dow Corning Company, Silicone varnish	Sept-129
Draft gears report (Mech. Div.)	Aug-60
Drill, Electric, Lightweight, Copper Line, Independent Pneumatic Tool Company	July-111
Drill, Pneumatic, Model PD-304 P, Mall Tool Company	May-90*
Drilling machine (see Machine tools)	
Drive, Electric, transition, by B. L. Judy and A. V. Johansson	Dec-71*
Drive, Speed, Variable, Four-unit, Dodge Manufacturing Corporation	Jan-91*
Drive, Spice, Direct Mechanical, for caboose generators, by W. S. H. Hamilton	June-95*
Drying system, Sand, Hydro-Blast Corporation	May-92
Duff-Norton Manufacturing Co., 35-ton journal jack	Sept-131*
Duff-Norton Manufacturing Co., hydraulic jack, Air	Sept-137*
Ducts, Metal, Wirewa, for rewiring locomotives (B.O.)	June-91*
du Pont de Nemours & Company, E. I., Railway station synthetic paint	Nov-122
Durant Insulated Pipe Company, Underground pipe insulating anchor	Mar-120*
Dust level control system, Foxbor Company	Feb-81*

E

Eastern Car Foremen's Association (see Clubs and Associations)	
Ejectors, Automatic, Pressure type, George Manufacturing Company	Sept-132*
Electric Storage Battery Company, High-capacity T-H Exide Ironclad storage batteries	May-94
Electrical equipment, Car, report (Elec. Sect.)	Aug-79*
Electrical equipment, Repair of, Shop handling of	May-48
Electrical instruments, Portable, General Electric Co.	Nov-157*
Electrification of Central Africa railway	Mar-104*
Electrification, Railway, report (Elec. Sect.)	Aug-81
Electrolysis report (Elec. Sect.)	Aug-81
Electro-Motive Division (see General Motors Corporation)	
Ends, Coil, Removing, from commutator risers, by C. F. Steinbrink	July-70*
Engine control, Diesel-electric, by B. L. Judy and A. V. Johansson	Apr-101*
Engine, Fire, One-man, Dry chemical, American-La France-Foamite Corporation	Mar-145
Engines, Diesel:	
In-line, Model 251A, for 800-hp. switcher (Alco)	July-53*
Lubrication of (LMOA)	Nov-87
Opposed-piston, Small heavy-duty, Model 38F5¼, Fairbanks, Morse & Co.	June-106*
English Electric Company, All-service elect-	

tric locomotives for Victorian Railways	July-77*
Equipment, Car, failures: Who is at fault when policy is wrong?	Feb-79*
Equipment, Electrical, for repair shop (NP)	Jan-78
Equipment for light freight-car repair work, by R. H. Herman	June-89*
Equipment, Shop, Wheel, Car and diesel, Marshall (T.&P.)	July-58*
Ernst, W. A., Causes of flashovers	Jan-87
Ernstrom, G. L., Boiler supervisors and diesels (MBMA)	Nov-70
Ex-Cell-O Corporation, Double end tool grinder	Aug-102*
Excitation system, Diesel-electric locomotive, by B. L. Judy and A. V. Johansson	May-80*, July-74*
Explosimeter, Model 2, for degassing tank cars, Mines Safety Appliances Co.	Apr-90*
Explosions, Crankcase, Prevention of (A.S.M.E.)	Jan-58*
Extractor, Bushing and bearing, Crozier Machine Tool Company	Nov-159*

F

Facts needed for sound opinions	July-40*
Failures and remedies, Diesel, report (RF&TEA)	Nov-79
Fairbanks, Morse & Co:	
Engine, Opposed-piston, Small heavy-duty, Model 38F5¼	June-106*
Explosions, Crankcase, Prevention of	Jan-58*
Farr Co., Tests develop air filter adhesive	Mar-65*
Fauver Company, Inc., J. N., Portable hydraulic filter unit	Sept-129*
Federal Telephone and Radio Corporation, Type M322-1 caboose power supply	Apr-112*
Fenway Machine Sales Co., Inc., Little Wonder portable nibbler	Mar-122*
Files, Steel, Kraftbilt V-96 Vertical Roll-file, Ross-Martin Company	June-106*
Filter unit, Hydraulic, Portable, J. N. Fauver Company, Inc.	Sept-129*
Filterzone Autovision Company, Sun glare shields	July-82
Filtrant, Felt paper, Wix Corporation	Apr-114*
Filtration, Air, Diesel engine, Tests for (SP-Farr-California Research Corp.)	Mar-65*
Fire engine, One-man, Dry chemical, American-La France-Foamite Corporation	Mar-145
Fischer & Porter Company, Press-I-Cell pressure meter	Feb-82*
Flashovers:	
Causes and remedies (LMOA)	Oct-76
Causes of, by W. A. Ernst	Jan-87
Reasons for, by J. K. Stotz (LMOA)	Nov-107
Flood Company, Penetrol, Rust preventing oil	July-88
Floodlights (see Lighting equipment)	
Flux, Welding, Hardfacing, Lincoln Electric Company	Nov-126
Foxboro Company, Model 40 Rotax Control for dust level	Feb-81*
Frame, Steel, for holding diesel trucks (AT&SF)	Nov-108*
Franklin Balmar Corporation:	
Engine driven flexible shaft unit	Sept-132*
Handpiece, Quick change, for Strand Flexible Shaft Machines	Dec-88*
Roller bearing journal box	Aug-96*
Fuel:	
Coal and oil reserves	Dec-43*
Oil:	
Diesel, Conservation of, report (RF&TEA)	Nov-83
Diesel: What is fuel for diesel locomotives, by L. E. Talbot (RF&TEA)	Mar-82
Will lower quality mean lower prices?	Sept-75*
Steam, Comparisons, report (RF&TEA)	Nov-82
Wood shavings, Equipment for burning (GTW)	Jan-57*

G

G & T Industries, Battery-powered greasing unit	Oct-94*
Gages, Feeler, J. H. Williams & Co.	May-118
Garlock Packing Company, Double-lip oil seal	Sept-130*
Garlock Packing Company, Pump shaft mechanical seal	Aug-92*
Gear, Draft, Locomotive, New design, for 1,600-hp. road switcher (U.S. Army—Alco-G.E.)	June-73
General American Transportation Company, Airslide covered hopper car	June-78*
General American Transportation Corp., Kanigen plating process	May-90
General Electric Co.:	
Bearings, Suspension, Traction motor	Oct-94*
Coil, Pick-up, for testing traction motor starters	Nov-107*
Control system for dynamic braking	Feb-69*
Device, Spring-lifting, for changing carbon brushes	Oct-94*
Diesel-electric equipment; How to keep 'em rolling series:	
Judy, B. L., and W. S. O'Kelly	
Some simple battery circuits	Jan-80*

General Electric Co. (cont'd)

Judy, B. L., and M. D. Henshaw:	
Batteries and battery charging	Oct-82*
Control for battery charging	Sept-105*
Judy, B. L., and A. V. Johansson:	
Dynamic braking	Nov-111*
Electric drive transition	Dec-71*
Engine control	Apr-101*
Locomotive excitation system	May-80*
	July-74*
Judy, B. L., M. W. Bells and E. G. Heft, Diesel engine governor	Mar-98*
Floodlamps, Sealed-beam, PAR-56	Jan-88*
Locomotive, All-electric, Climax Molybdenum Company	Oct-77*
Locomotive, Diesel, Switcher, 800-hp.	July-53*
Locomotive, Electric, 60-ton, Niagara Junction Railway	Apr-94*
Locomotive, Switcher, Road, 1,600-hp., for U. S. Army	June-69*
Motors, Induction, High-slip	Mar-122*
Motors, Polyphase, Tri-Clad 55	Nov-119*
Instruments, Portable electrical	Nov-157*
Power plants, Undercar, for ambulance cars	May-118*
Questions and answers, Diesel-electric locomotive	Jan-71, Feb-65, Mar-91, Apr-92, May-86, June-102, July-80, Sept-113, Oct-90, Dec-82
Rectifiers for electroplating	July-88*
Refrigeration units for dining cars (N&W.)	May-76*
Switches, Safety, 600-volt, Trumbull Electric Department	Jan-121*
Welder, Gas-shielded	Dec-103*
X-ray machine, Midget	Jan-94*
General Motors Corporation: Electro-Motive Division: Panels, All-metal, for diesels	Mar-118*
General Motors Corporation: Hyatt Bearings Division: Bearings, Armature Traction motor, Pinion end	Mar-120*
General Tire & Rubber Co., Air cell springs for freight and passenger car trucks	Sept-90*
Generator Corporation, 400-cycle Nobrush generator	Jan-88*
Generator drives, Caboose (Leece-Neville and Dayton Rubber Co.)	Mar-93*
Generator, Steam, Dual-fuel, Vapor-Clarkson, Model OKJ-4740, Vapor Heating Corp.	Nov-149*
Generators:	
400-cycle, Nobrush, Generator Corporation	Jan-88*
Locomotive, Diesel-electric, Rewinding in medium-sized shop (C of G)	Oct-78*
Locomotive, Flashovers—Causes and remedies (LMOA)	Oct-76
George, L. B., Tomorrow's craftsmen—how to get them (ABA)	Nov-72
George Manufacturing Company, Pressure type automatic ejectors	Sept-132*
Gieskieng, W. A. and M. W., Car wheel checker to detect broken flanges	Apr-88*
Gilbert, H. E., head of B.L.F.&E.	Oct-96
Glass, Frosted, System for making (GTW)	Jan-70*
Gould-National Batteries, Inc., Cell puller for storage batteries	Nov-122*
Gould-National Batteries, How to use carbon arc burner in battery repair	May-85*
Gould-National Batteries, Inc., Replacing industrial truck storage battery covers	Feb-77*
Government:	
Army Transportation Corps, 1,600-hp. road switcher locomotive (Alco-G.E.)	June-69*
Interstate Commerce Commission:	
Bureau of Locomotive Inspection:	
Annual report, 1952	Mar-76, Mar-105*
Breed, Allyn C., Assistant director	Dec-90*
Clarke, O. F.	Sept-115
Explosion of air reservoir, Report on	May-96
Grossman, Charles H.	Sept-115, Nov-135*
Bureau of Transport Economics and Statistics, Diesel-electric locomotive performance "Monthly Comment"	May-99, June-118
Bureau of Valuation, Railroad Maintenance Study	May-98
Washington wreck, Cause of, Closed angle cock	Apr-85*
Governors, Diesel engine, Maintenance of	Mar-98*
Graphite molds for Type X-3 steel wheels for freight cars, Griffin Wheel Company	May-61*
Grand Trunk Western, Equipment for burning wood shavings for fuel	Jan-57*
Grand Trunk Western, System for making frosted glass	Jan-70*
Greasing unit, Battery-powered, G & T Industries	Oct-94*
Great Northern, Profile-cutting wheel lathe, by J. H. Heron	Sept-100*
Griffin Wheel Company, Type X-3 steel wheels for freight cars	May-61*
Grinders (see Machine Tools)	
Grinding fixture, Radius, Apex Tool & Cutter Co.	July-84*
Grip Nut Co., Brake beam safety support	Oct-92*
Grossman, Charles H., Appointment, Bureau of Locomotive Inspection	Sept-115, Nov-135*
Grounds, Carbon, Machine for cleaning, by L. E. Legg	Mar-96*, Apr-96
Guards, Driver, Stud, Remington Arms Company, Inc.	Aug-96

Guides, Cutting, Gas-flame torch, New Era Engineering Co.	Mar-120*
Guillotine, Mobile, Suspension type, Manco Mfg. Company	Dec-111*
Gun, Steam, for cleaning wheel plates (St.L-S.F.)	July-57*
Gustin-Bacon Manufacturing Company, Glass fiber pipe insulation	Sept-114*

H

Hamilton, W. S. H., Direct mechanical drive for caboose generators	June-95*
Hammers, Scaling, Flux, Thor Power Tool Company	Sept-132*
Handwheel, Valve, Lunkenheimer Company	Aug-118
Handpiece, Quick change, for Strand Flexible Shift Machines, Franklin Balmar Corporation	Dec-88*
Hanger, Diaphragm, Passenger-car (MP)	Feb-64*
Hankins, C., Corrosion of open-top freight cars (Corrosion Conference)	July-57
Hanly, F. J., Air filter adhesive developed in laboratory and field tests	Mar-65*
Hardy, A. W., Air filter adhesive developed in laboratory and field tests	Mar-65*
Harnischfeger Corporation, Zip-Lift hoist	Aug-92*
Heads, Cylinder, Reclaimed by welding (MBMA)	Dec-53*
Heads, Locomotive, Electro-Motive, converted to grommet type (CB&Q)	Feb-54*
Heaters, Unit, Gas-fired, American Air Filter Company, Inc.	Dec-114*
Heating, Electric (Elec. Sect.)	Aug-78
Hebert, A. J., Safety device to stop train if hot box occurs	Feb-59*
Heft, E. B., Maintenance of diesel engine governor	Mar-98*
Henshaw, M. D. and B. L. Judy, Control for battery charging	Sept-105*
Henshaw, M. D., Batteries and battery charging	Oct-82*
Herman, R. H.:	
Light freight-car repairs	June-85*
Shops and procedures for heavy freight-car repairs	May-66*
Wheel shops—equipment and operation	Sept-93*
Heron, J. H., Profile-cutting wheel lathe (GN)	Sept-100*
Hill, Robert G., Leece-Neville caboose generator drives	Mar-95*
Hoist, Zip-Lift, Harnischfeger Corporation	Aug-92*
Holder, Electrode, Insulated, Lincoln Electric Company	May-95*
Holder, for diesel cylinders (Frisco)	Apr-91*
Holders, Indicator, Magnetic base, Lufkin Rule Co.	Oct-94*
Holland Company, Holland Ride Stabilizer Unit	Aug-96*
Hone (see Machine tools)	
Huck Manufacturing Company, Drive pin blind rivets	July-84
Hyatt Bearings Division (see General Motors Corporation)	
Hydro-Blast Corporation, Sand drying system	May-92

I

Illinois Central:	
Cars, Passenger, Modernization of, at Burnside	July-66*
Reefer, Aluminum, Inspection of, after six years' service	Mar-72*, May-99
Illumination (see Lighting)	
Illuminator, Steam gage, Jerguson Gage & Valve Co.	Jan-94*
Independent Pneumatic Tool Company, 1/4 in. Copper Line electric drill	July-111
Indiana Harbor Belt:	
Shop, Gibson, converted for diesel work	Nov-97*
Track, Rip, Blue Island	June-81*
Indicator, Flow, Pipe, Brake, Type B, Road service trials of (ABA)	Nov-75
Indicator, Temperature, Model 328 Fast-herm, Associated Research, Inc.	Sept-136*
Industrial Research, Inc., Catalyst for battery flushing	Aug-92*
Industrial Tape Corp., Permacel Two-in-One electrical tape	May-90
Ingersoll-Rand Company:	
Attachment, Angle head	Dec-88
Grinder, Gearless angle	Sept-114
Tool, Impact, Electric	Dec-114
Inhibitors, Corrosion, What they should and should not do, by J. F. Wilkes	Sept-77*
Inspection Car: Reefer, Aluminum, after six years' service (IC)	Mar-72*, May-99
Institute of Thread Machines, Inc., Improvement of journal-box performance	Apr-116
Instruments, Electrical, Portable, General Electric Company	Nov-157*
Insulation:	
Class B, Irv-O-Bestos, Irvington Varnish and Insulator Company	Jan-91
Field coil, Traction motor (UP)	Feb-74*
Pipe, Glass fiber, Gustin-Bacon Manufacturing Company	Sept-114*

Insulation (cont'd)	
Silicone rubber, for traction motor frame coils (AT&SF)	Dec-65*
Interchange rules (see Rules of Interchange)	
International Nickel Company, Fourth Railroad Corrosion Conference at Wrightsville Beach	July-55*
Interstate Commerce Commission (see Government)	
Irvington Varnish & Insulator Company:	
Class B Irv-O-Bestos insulation	June-91
Electrical insulating varnish	Mar-120
Heat-resistant insulating varnish	Aug-92

J

Jacks:	
Air, for straightening top bulb angles on hopper cars	Sept-99*
For holding fork rod when pulling blade rod	Jan-56*
For pole-changer overhaul (UP)	Mar-97*
Hydraulic, Air, Duff-Norton Manufacturing Company	Sept-137*
Journal, 35-ton, Duff-Norton Manufacturing Co.	Sept-131*
Locomotive, Diesel, Model 35 HL	
Joyce-Gridland Company	July-110*
Reservoir and draft gear (Southern)	May-60*
Jaws, Five, for diesel boring mill work	July-69*
Jenks, D. B., The traveling engineer (RF&TEA)	Nov-84
Jerguson Gage & Valve Co., Steam gage illuminator	Jan-94*
Jig, Welding, for gondola side gussets (C&IM)	Dec-61*
Johansson, A. V.:	
Dynamic braking	Nov-111*
Dynamic braking for diesel-electric locomotives (A.I.E.E.)	Feb-69*
Electric drive transition	Dec-71*
Maintenance of diesel-electric locomotive control gear	Apr-101*
Locomotive excitation system	May-80*, July-74*
Joints, Swing, Ball bearing, Barco Manufacturing Co.	May-92*
Joyce-Gridland Company, Model 35 HL diesel locomotive jack	July-110*
Judy, B. L.:	
Batteries and battery charging	Oct-82*
Battery circuit maintenance	Jan-80*
Control for battery charging	Sept-105*
Dynamic braking	Nov-111*
Electric drive transition	Dec-71*
Governors, Diesel engine, Maintenance of	Mar-98*
Locomotive excitation system	May-80*, July-74*
Maintenance of diesel-electric locomotive control gear	Apr-101*
Jumpers, Control, Diesel, WWP&J, Pyle-National Company	Mar-118*

K

Kanigen plating process, General American Transportation Corporation	May-90
Kelite Products, Inc., First Universal cleaning spray	July-111
Klasing Hand Brake Company, Automatic slack adjuster for freight cars	Apr-110*
Kline, B. F., Air filter adhesive developed in laboratory and field tests	Mar-65*
Kysor Heater Company, Locomotive engine temperature control	Oct-92*

L

Lamps (see Lighting equipment)	
Landis Tool Company, Type CHW, plain, grinder	Jan-92*
Lathe (see Machine tools)	
Lathe attachment, Profile tracing, Lehigh Foundries, Inc., Air Control Div.	Nov-160*
Lathe, Wheel, Profile-cutting, by J. H. Heron	Sept-100*
Laudig, J. J., Iron-back car journal bearings	Apr-69*
Layout, Shop:	
Air-brake, Houston (SP)	Feb-56*
Diesel (C&O)	Jan-52*
Diesel repair, Glenwood (B&O)	Jan-64*
Wheel, Car and diesel, Marshall (T.&P.)	July-58*
Leece-Neville Company, Caboose generator drives	Mar-95*
Legg, L. E., Machine for cleaning carbon grounds	Mar-96*, Apr-96
Lehigh Foundries, Inc., Air Control Div., Profile tracing lathe attachment	Nov-160*
Lifter, Blower, for diesel shop work	July-69*
Lighting equipment:	
Floodlamp, Sealed-beam, PAR-56, General Electric Co.	Jan-88*
Lamp, Hand, Explosion-proof, Crouse-Hinds Company	Dec-88*
Lights, Flood, Pit and subway, Pyle-National Company	Feb-81*

Lighting equipment (cont'd)

- Luminaire, Component, Type SDP, Westinghouse Electric Corporation May-94*
- Luminaire, Shallow surface, Westinghouse Electric Corporation Jan-91*
- Suspension, Lowering, 3-lamp, Thompson Electric Company Jan-94*
- Lincoln Electric Company, Hardfacing welding flux Nov-126
- Lincoln Electric Company, Insulated electrode holder May-95*
- Line, Hose, Steam, Aeroquip Corporation Sept-129*
- Lipe-Rollway Corporation, Portable power hack saw Dec-110*
- Load actor, Shop May-48§
- Loading Forest products, report (Mech. Div.) Aug-63
- Locknut, Galvanized, Anti-corrosive, Security Locknut Corporation Mar-120
- Locomotive:
- Construction report (Mech. Div.) Aug-64
- Diesel-electric:
- Electrical apparatus, Effect of, on locomotive maintenance, by J. Stair, Jr. Feb-75
- Equipment, Electrical, Maintenance of; Keep 'em rolling series Jan-80*, Feb-80*, Mar-98*, Apr-101*, May-80*, July-74*, Sept-105*, Oct-82*, Nov-111*, Dec-71*
- Maintenance, Emergency Oct-51§
- Maintenance: Is there a new trend in? Oct-51§
- Questions and answers (Alco-G.E.) Jan-71, Feb-65, Mar-91, Apr-92, May-86, June-102, July-80, Sept-113, Oct-90, Dec-82
- Rewiring (LMOA) Nov-106
- Electric, Rebuilt, 37-year old (C.M.St.P.&P.) July-73*
- Locomotives:
- Diesel-electric:
- Switcher, 800-hp. (Alco-G.E.) July-53*
- Switcher, Road, 1,600-hp. (U. S. Army-Alco-G.E.) June-69*
- Electric:
- 60-ton (General Electric - Niagara Junction Ry.) Apr-94*
- All-service (Victorian Railways - English Electric Company) July-77*
- Electrification, Railroad, Universal Jan-49§
- Lofton, E. K., Caboose generator drives Mar-93*
- Logan Engineering Company, 12-in. variable speed lathe Nov-156*
- Lomonosoff, Dr. George V., dies Feb-86
- Londahl, E. A., More long flat cars—better floors (Mech. Div.) Aug-65
- Lone Star Gas Company, Method for degassing tank cars Apr-90*
- Louisville & Nashville:
- Machine for boring oil relief area in traction motor bearings Apr-73*
- Table, Sorting, for small parts of cars Jan-55*
- Lubrication:
- Car and locomotive report (Mech. Div.) Aug-74
- Car, Report on (CDOA) Nov-65
- Compressor, Air (ABA) Nov-74
- Engines, Diesel (LMOA) Nov-87
- Lubricator, Flange, Automatic, Rail & Flange Lubricator Co. Oct-124*
- Lubricator, Lo-Flo, Automatic, Nathan Manufacturing Corp. Nov-158*
- Lufkin Rule Company, Magnetic base indicator holders Oct-94*
- Lukens Steel Company, Copper-clad steel Jan-121
- Lukens Steel Company, Weld strength calculator Nov-152
- Luminaire (see Lighting equipment)
- Lunkenheimer Company, Gate valve Dec-111*
- Lunkenheimer Company, Valve handwheel Aug-118

M

- Machine for boring oil relief area in traction motor bearings (L&N) Apr-73*
- "Machine Tool Caravan", British May-100*
- Machine tools:
- Band, for production sawing, DoAll Company Dec-103*
- Boring and finishing Vertical, for car journal brasses, Morton Manufacturing Company Apr-114*
- Drilling machine, Two spindle, Model MC-20, Sibley Machine & Foundry Corp. Jan-121
- Grinders:
- Angle, Gearless, Ingersoll - Rand Company Sept-114
- Plain, Heavy duty, Type CHW, Landis Tool Company Jan-92*
- Tool, Double end, Ex-Cell-O Corporation Aug-102*
- Vertical chucking, Bullard Company May-92*
- Hone, Hand, Silicon carbide, Chicago Wheel & Mfg. Company Nov-159*
- Lathe attachment, Profile tracing, Lehigh Foundries, Inc. Nov-160*
- Lathe, Variable speed, 12-in., Logan Engineering Company Nov-156*
- Mill, Bench-type, Viking Industries July-86*
- Tools, Steam, for repairing diesel locomotives Apr-77*

Machine tools (cont'd)

- Vise and press machines, Hydraulic, Speedwise, Speedpress and Drillwise, Studebaker Machine Co. Mar-122*
- Machine, X-ray, Midget, General Electric Company Jan-94*
- Magnaflux Corporation, Spotcheck spray-on dye penetrant Apr-112*
- Magnus Brass Company, Steam safety valve May-95*
- Magnus Chemical Company, Inc., Corn cob meal hand cleaner May-94
- Magnus Chemical Company, Inc., Waterless hand cleaner Aug-92
- Mall Tool Company, Model PD-304 P pneumatic drill May-90*
- Malmgren, A. M., Train construction to reduce operating troubles (ABA) Nov-92
- Maintenance:
- Diesel (see Locomotive, Diesel)
- Equipment: Removability or accessibility May-50§
- Locomotive, Diesel (C&O) Jan-50*
- Motive power: While there is still time June-64§
- Manco Mfg. Company, Suspension type mobile guillotine Dec-111*
- Marine Industries, Ltd., Experimental refrigerator car (C.N.) May-96
- Markers, Aisle, Self-Adhesive, W. H. Brady Company Oct-128*
- Martin, R. J., 1,600-hp. Army road switchers (Alco-G.E.) June-69*
- Materials, Corrosion resisting, report Aug-77
- Materials, Wire, cable and insulating, report (Elec. Sect.) Aug-83
- May, R. G., Appointment, Operations and Maintenance Dept., A.A.R. Sept-116*
- McCoy, V. E., Human relations and the foreman Apr-108§
- Metal and Thermit Corporation, Rectifier welder Sept-114*
- Meter, Pressure, Press-I-Cell, Fischer & Porter Company Feb-82*
- Metzman, Gustav, Chairman, American Railway Car Institute Feb-84*
- Meyer, Dr. Adolph, receives Henderson medal Oct-96*
- Micrometer, Chrome plated, George Scheer Co., Inc. Jan-92*
- Milling device, Bed plate, Diesel, Portable (Southern) Mar-86*
- Milling machine (see Machine Tools)
- Mine Safety Appliance Company, Dynel fabric work clothes Mar-146
- Mine Safety Appliances Company, MSA-Lamb Air-Mover and Model 2 Explosimeter for degassing tank cars Apr-90*
- Minneapolis-Honeywell Regulator Co., Car temperature control system Oct-92
- Minneapolis-Honeywell Regulator Company, Inspection panel for car heating-cooling systems July-72*
- Minnesota Mining and Manufacturing Company, "Scotchfil" electrical insulating compound Mar-145*
- Minnesota Mining and Manufacturing Company, Spring wire connectors Nov-120*
- Missouri-Kansas-Texas:
- Parsons steam shop converted to diesel Dec-45*
- Shop, Back, converted to diesel Oct-59*
- Missouri Pacific:
- Box-car repairs Dec-58*
- Hanger, Diaphragm, Passenger-car Feb-64*
- Metal containers for outdoor storing of diesel engines June-84*
- Panel, Test, Jumper cable Feb-67*
- Patch puller, Car roof Feb-48*
- Montenero, R. O., Crankcase explosions Jan-58*
- Morris Paint & Varnish Company, Fire retardant paint Nov-126
- Morton Manufacturing Company, Boring and finishing machine for car journal brasses Apr-114*
- Motive power:
- Diesel: And then we're through Sept-74§
- Study, Santa Fe, by T. T. Bickler Sept-84*
- Oct-70*
- Universal railroad electrification? Jan-49§
- Motors:
- Air, for recentering axles Sept-99*
- and control report (Elec. Sect.) Aug-79
- Capacitor, Type CAF-2, Westinghouse Electric Corporation Aug-118*
- Explosion-proof, Type SS, U. S. Electrical Motors, Inc. Jan-92*
- Induction, High-slip, General Electric Company Mar-122*
- Polyphase, Tri-Clad, General Electric Company Nov-119*
- Traction, Rewinding in medium-sized shop (C. of G.) Oct-78*
- Traction, Switcher, Road, 1,600-hp. (U.S. Army-Alco-G.E.) June-72
- Mundt, G. A., Changes in interchange rules May-71
- Murphy, James A., & Co., Pistol sprayer July-111*

N

- Nathan Manufacturing Corp., Automatic Lo-Flo lubricator Nov-158*
- National Carbon Company, Brush for diesel-electric traction motors Jan-94

- National Malleable & Steel Castings Co., Technical center at Cleveland Dec-62*
- National Welding Equipment Company, Differential dry joint assembly Dec-106*
- New Era Engineering Co., Gas-flame torch cutting guides Mar-120*
- New York Central, Direct mechanical splice Drive for caboose generators, by W. S. H. Hamilton June-95*
- Niagara Junction Railway, 60-ton electric locomotives, by W. A. Bailey Apr-94*
- Nibbler, Portable, Little Wonder, Fenway Machine Sales Co., Inc. Mar-122*
- Norfolk & Western:
- Boxes, Journal, Hot, Procedure for reduction of July-45*
- Refrigeration, Dining car May-76*
- Northern Pacific:
- Cars, Box, built in record time Oct-75*
- Shop, Repair, Electrical, South Tacoma Jan-74*

O

- Oakite Products, Inc., Paint strippers Aug-92
- Oil, Lubricating:
- Characteristics of, used in tests for reduction of hot boxes (N.&W.) July-48
- Crankcase, Diesel, Heavy-duty, Mixing of, by W. K. Simpson Mar-124
- Oil, Rust preventing, Penetrol, Flood Company July-88
- Oiling and cleaning machine, Air-filter, Paxton-Mitchell Co. Mar-84*
- O'Kelly, W. S., Battery circuit maintenance Jan-80*
- Operation, Railroad, Safety in, by Homer G. Conner (RF&TEA) Nov-82
- Operation, Shop, Wheel, Car and diesel, Marshall (T.&P.) July-58*
- Ovens, Electrode, Welding, General Electric Company Feb-81*
- Oxwelding Railroad Service Company, W-24-R blowpipe Aug-102*

P

- P-W Specialties Corporation, Klasing slack adjuster Apr-110*
- Pacific Railway Club (see Clubs and Associations)
- Packing, Waste, of journal boxes, for reduction of hot boxes (N.&W.) July-49*
- Paint:
- and varnish remover, Non-inflammable, Craftint Manufacturing Company Mar-122
- Neoprene, Anti-corrosive, Pennsylvania Salt Manufacturing Co. Aug-96
- Retardant, Fire, Morris Paint & Varnish Company Nov-126
- Synthetic, Railway station, E. I. du Pont de Nemours & Company Nov-122
- Paint stripper, Wyandotte Chemicals Corp. Nov-160
- Painting, Car, Freight, at Emporia shops (AT&SF) Oct-66*
- Painting report (CDOA) Nov-62
- Pan American Railway Congress, T. T. Bickler, Santa Fe's diesel motive power Sept-84*
- Oct-70*
- Panels:
- All-metal, for diesels, Electro-Motive Div., General Motors Corp. Mar-118*
- Inspection, Push button, for checking car heating-cooling systems, Minneapolis-Honeywell Regulator Company July-72*
- Test, Jumper cable (MP) Feb-67*
- Paste, Silastic, for string bands and calking June-94
- Patch puller, Car roof (MP) Feb-48*
- Patterson, W. L., Power brake conditions deteriorating (Mech. Div.) Aug-63
- Patterson, W. L., Retirement from I.C.C. Sept-115
- Paxton-Mitchell Company, Air filter washing and oiling machine Mar-84*
- Paxton-Mitchell Company, Twin units for applying semi-fluid air filter coatings July-86*
- Penetrant, Dye, Spray-on, Spotcheck, Magnaflux Corporation Apr-112*
- Pennsylvania Railroad, Improvement program Jan-96
- Pennsylvania Salt Manufacturing Co., Anti-corrosive neoprene paint Aug-96
- Pennsylvania Salt Manufacturing Company, Emulsion cleaner for metal Mar-118
- Permacel Tape Corporation, Permacel 32 colored plastic tape Nov-156
- Permaproof 300 fire retardant process, Tressdale Laboratories and Textile Processing Company Oct-92
- Permutit Company, Package water conditioner Aug-118*
- Personnel:
- Aydelott, J. H., Interdepartmental team work (Mech. Div.) Aug-61
- Craftsmen, Tomorrow's,—how to get them, by L. B. George (ABA) Nov-72
- Diesel, Training (LMOA) Nov-89
- Employee relations, CNR takes seriously, by W. T. Wilson (RF&TEA) Nov-80
- Engineer, Traveling, by D. B. Jenks (RF&TEA) Nov-84
- Enginemen, Diesel, Instructing, report (RF&TEA) Nov-81

Personnel: (cont'd)

Foreman, Human relations and	Apr-1088
Instructions: Three dimensions are better than two	Mar-1058
Shop men, Diesel school for (C.V.)	May-98
Supervisors, Boiler, and diesels, by G. L. Ernstrom (MBMA)	Nov-70
Symes, J. N., Control of employees "on their own" (Mech. Div.)	Aug-57
Too many chiefs?	Dec-438
Phillips Manufacturing Company, Vapor degreaser	Nov-126*
Pines Engineering Company, Cut-off compression bender	Nov-122
Pinney, M. A., Where, and how often do hot boxes occur?	May-53*, June-118
Pit, Drop, Modified, for traction motor maintenance (Southern)	May-58*
Plates, Bent end, Diesel, straightening	July-69*
Plating process, Kanigen, General American Transportation Corp.	May-90
Plummer, Fred L., President of American Welding Society	Dec-90
Plummer, K. V., Refrigerator cars	May-488
Porter Company, Inc., H. K., Delta-Star Electric Division, Load interrupter switch	Mar-120*
Positioner, Welding, Heavy duty, Worthington Corporation	Dec-107*
Positioner, Work, Variable speed, All-State Welding Alloys Co., Inc.	Nov-152*
Power plant, Gas-turbine, Rail-mounted, Westinghouse Electric Corporation	Jan-98
Power supply:	
Caboose, Type M322-1, Federal Telephone and Radio Corporation	Apr-112*
Control system for dynamic braking, General Electric Company	Feb-69*
Drive, Spicer, Direct mechanical, for caboose generators, by W. S. H. Hamilton	June-95*
Generator drives, Caboose	Mar-93*
Plants, Power, Undercar, for ambulance cars, General Electric Co.	May-118*
report (Elec. Sect.)	Aug-81
Press, Jaw, Coupler (A&S)	Jan-70*
Presses (see Machine tools)	
Price, H. L., Car design for reduced maintenance	Mar-79*
Prices for labor and material report (Mech. Div.)	Aug-67
Printed word, The	Oct-508
Problems, Diesel shop	Feb-798
Puller, Cell, for storage batteries, Gould-National Batteries, Inc.	Nov-122*
Puller, Wedge, for pinions (AT&SF)	Jan-79*
Pullman-Standard Car Manufacturing Company:	
Car, Covered hopper, All-welded, 70-ton, PS-2	Apr-74*
Cars, "SuperDome" (CMStP&P)	Feb-49*
Welding, Heliarc, for light-gage stainless steel	Mar-71*
Punches, Octagon alloy, J. H. Williams & Co.	May-118*
Pyle-National Company:	
Industrial warning signals	Apr-114*
Pit and subway floodlights	Feb-81*
WWPAJ control jumpers for diesels	Mar-118*
Pyrometers, Hand, for measuring engine bearing temperatures (D&H)	Dec-68*

R

Rack, Storage, for diesel engine casings (Southern)	Apr-87*
Radio and communications systems to rolling stock report (Elec. Sect.)	Aug-79
Rail & Flange Lubricator Co., Automatic flange lubricator	Oct-124*
Railroad Corrosion Conference, Fourth program	May-96
Railroad Corrosion Conference, Fourth, What corrosion inhibitors should and should not do, by J. F. Wilkes	Sept-77*
Railway Supply Manufacturers Association exhibit (A.A.R.)	Aug-528, Aug-88*
Railway System and Procedure Association, Freight car billing	Aug-104
Ratchet, Reversible, J. H. Williams & Co.	Feb-81*
Reamer, Conduit and pipe, Ridge Tool Company	Feb-82*
Rectifiers:	
electroplating, General Electric Company	July-88*
Selenium, Belcon, Bogue Railway Equipment Division	Jan-92*
Selenium-type, for d.c. power supply, American Rectifier Corporation	Oct-126*
Refacer, Valve, Black & Decker Mfg. Co.	Dec-106*
Refrigeration, Dining car (N&W.)	May-76*
Refrigeration report (Elec. Sect.)	Aug-76
Regulator, Brake, Double-acting slack adjuster, American SAB Company	June-108*
Relays, Electrical, Cutler-Hammer, Inc.	July-86*
Remington Arms Company, Inc., stud driver guards	Aug-96
Repair shops (see Shops, Locomotive and Car)	
Repairs, Car:	
Freight, Heavy, Shops and procedures for, by R. H. Herman	May-66*
Freight-, Light, by R. H. Herman	June-85*

Repairs, Car (cont'd)

Interchange and billing for (CDOA)	Nov-64
Track, Rip, for, Blue Island (I.H.B.)	June-81*
Reservoir, Air, inspection, cleaning and maintenance (MBMA)	Nov-68*
Rheostat, Motor-operated, Westinghouse Electric Co.	July-84*
Richmond, Fredricksburg & Potomac, Car wheel checker to detect broken flanges	Apr-88*
Ridge Tool Company, Pipe and conduit reamer	Feb-82*
Riveter, Squeeze-type, for riveting freight car roofs	Sept-89*
Riveting Tri-Lok Type A-1 running boards, Apex Railway Products Company	July-88*
Rivets, Blind, Drive pin, Huck Manufacturing Company	July-84
Rolling stock, Automotive and electric (Elec. Sect.)	Aug-77
Ross & White Co., Wilson washer for passenger car windows	Feb-61*
Ross, Alexander, 1,600-hp. Army road switchers (Alco-G.E.)	June-69*
Ross-Martin Company, Kraftbilt V-96 Vertical Rollfile steel files	June-106*
Roundhouse, Steam locomotive, can still be useful	June-648
Rules, Loading, report (Mech. Div.)	Aug-62
Rules of Interchange:	
Changes in, by G. A. Mundt (Eastern Car Foreman's Association)	May-71
Questions and answers	Sept-112
Oct-88, Dec-86	
Russell, D. P., Safety must be built into ourselves (MBMA)	Nov-68
Ryan, J. L., Journal stop for hot boxes	July-82*

S

Safety:	
appliances report (Mech. Div.)	Aug-74
device to stop train if hot box occurs, by A. J. Hebert	Feb-59*
in railroad operation, by Homer G. Conner (RF&TEA)	Nov-82
Must be built into ourselves, by D. P. Russell (MBMA)	Nov-68
report (Elec. Sect.)	Aug-81
Watch the repeaters, by Allyn C. Breed (LMOA)	Nov-85
St. Louis-San Francisco:	
Box for cleaning commutator pinions	Nov-84*
Cars, Box, Steel grain, reconditioned from wood cars	June-74*
Gun, Steam, for cleaning wheel plates	July-57*
Holder for diesel cylinders (Frisco)	Apr-91*
Machine for polishing inside diameter of diesel locomotive pinions	May-59*
Stop, Journal, for hot boxes, by J. L. Ryan	July-82*
Wagon, Fire fighting, Rip track	July-68*
Sander, Portable, Diesel locomotive	July-69*
Saw, Hack, Portable, Lipe-Rollway Corporation	Dec-110*
Scale, Electronic, Freight car, Cox & Stevens Aircraft Corp.	Feb-82*
Scheer Co., Inc., George, Chrome plate micrometer	Jan-92*
Schroeder, A. R., Downgrading freight cars for loss and damage prevention	Sept-748
Scullin Steel Company, Type-CC freight car truck	June-114*
Seaboard Air Line:	
Shop, Motor, Jacksonville	Sept-101*
Telephone for checking circuits in re-wired locomotives	Dec-76*
Testing equipment for temperature switches and shutter controls	Nov-118*
Seals:	
Journal box, Rear, Use of, approved by A.A.R.	Sept-115
Mechanical, Pump shaft, Garlock Packing Company	Aug-92*
Oil, Double-lip, Garlock Packing Company	Sept-130*
Vee-ring	Nov-118*
Security Locknut Corporation, Anti-corrosive galvanized locknut	Mar-120
Sellers Injector Corporation, Booster Jet Cleaning unit	Aug-94*
Sellers Injector Corporation, Jet cleaner for diesel trucks	Dec-88*
Shaft unit, Flexible, Engine driven, Franklin Balmar Corporation	Sept-133*
Shenandoah Central, Official opening	July-90*
Shield, Exposure, DES, for handling Cobalt 60, Technical Operations Incorporated	Sept-130*
Shields, J. P., dies	Aug-106*
Shields, Sun glare, Filterzone Thermo-glare, Filterzone Autovision Company	July-82
Shipping: Reduce rough handling, by Fred Wilson (RF&TEA)	Nov-79
Shop, Diesel, problems	Feb-798
Shop facilities: While there is still time	June-648
Shop kinks:	
Car:	
Box for making journal box packing	Sept-83*
Clamp, Air, for radial drill press	Sept-99*
Compressing device, Friction-block-spring, Air, for truck bolsters	Sept-99*
Dies for forming sill step	Sept-83*
Dies, Rotary, for putting offsets in plate steel	Sept-83*

Shop Kinks (cont'd)

Equipment for burning wood shavings for fuel (GTW)	Jan-57*
Glass, Frosted, System for making (GTW)	Jan-70*
Hanger, Diaphragm, Passenger car (MP)	Feb-64*
Jack and Stand, Air, for straightening top bulb angles on hopper cars	Sept-99*
Jig, Welding, for gondola side gussets (C&M)	Dec-61*
Motor, Air, for recentering axles	Sept-99*
Patch puller, Car roof (MP)	Feb-48*
Platforms, Adjustable, for car repairs (S.P.)	June-73*
Press, Jaw, Coupler (A&S)	Jan-70*
Table, for sorting small parts (L&N)	Jan-55*
Vise, Air, for holding pipe for threading and coupling	Sept-99*
Wagon, Fire fighting, Rip track (St.L.-S.F.)	July-68*
Wedges, Journal-box, Reclamation of (AT&SF)	Dec-64*
Locomotive:	
Box for cleaning commutator pinions (StL-SF)	Nov-84*
Bulb, Light, mounted on bench for inspection	July-69*
Carriers, Piston, Reconditioning	Apr-89*
Crankshaft rotating device for Electro-Motive engines	Jan-62*
Device for compressing diesel truck springs	May-58*
Heads, Electro-Motive, converted to grommet type (CB&Q)	Feb-54*
Holder for diesel cylinders (Frisco)	Apr-91*
Insulation, Field coil, Traction motor (UP)	Feb-74*
Jacks, Reservoir and draft gear (Southern)	May-60*
Jaws, Five, for diesel boring mill work	July-69*
Lifter, Blower, for diesel work	July-69*
Machine for polishing inside diameter of diesel locomotive pinions (Frisco)	May-59*
Milling device, Bed plate, Diesel, Portable (Southern)	Mar-86*
Pit, Drop, Modified, for traction motor maintenance (Southern)	May-58*
Plates, Bent end, Diesel, Straightening	July-69*
Pressure spray system for cleaning diesels (A&S)	Mar-75*
Puller, Wedge, for traction motor pinions (AT&SF)	Jan-79*
Rack, Storage, for diesel engine casings (Southern)	Apr-87*
Sander, Portable, Diesel locomotive	July-69*
Spraying, Metal, diesel locomotive parts	Apr-86*
Stands, Work, for large axle generators (UP)	Jan-86*
Tool, Spring compressor, and jack for pole-changer overhaul (UP)	Mar-97*
Machine for boring oil relief area in traction motor bearings (L&N)	Apr-73*
Shop layout and arrangement, by R. H. Herman	Sept-94*
Shops:	
Air brake, Houston (SP)	Feb-55*
Electrical:	
Repair, Heavy, South Tacoma (NP)	Jan-74*
Repair, report (Elec. Sect.)	Aug-83*
Repair, San Bernardino, Addition to (AT&SF)	Apr-97*
Locomotive:	
Diesel:	
Gibson, converted for diesel work (IHB)	Nov-97*
Maintenance, Huntington (C&O)	Jan-50*
Pattern slowly taking shape (L.M.O.A.)	Oct-53*
Repair, Glenwood (B&O)	Jan-63*
Mar-87*	
San Bernardino, Performance record of (AT&SF)	Oct-71
Steam, Parsons, converted to diesel (M-K-T)	Dec-45*
Waco back shop converted (M-K-T)	Oct-59*
Motor, Jacksonville (Seaboard Air Line)	Sept-101*
Wheel:	
Car and diesel, Marshall (T.&L.)	July-58*
Equipment and operation, by R. H. Herman	Sept-93*
Shops for heavy freight-car repairs, by R. H. Herman	May-66*
Sibley Machine & Foundry Corp., Model MC-20 drilling machine	Jan-121
Signals, Warning, Industrial, Gryllite, Pyle-National Company	Apr-114*
Silastic paste for string bands and calking	June-94
Sillcox, Lewis K., 1954 A.S.M.E. president	Aug-107
Simpson, W. K., Mixing of heavy-duty diesel crankcase lubricating oils	Mar-124
SKF Industries, Inc., Improvements in anti-friction, roller-bearings	Nov-124*
Slack adjuster, Automatic, for freight cars, Klasing Hand Brake Company	Apr-110*
Smith, A. O., Corporation, Hanger type, brake beams	Sept-133*

Smoke abatement report (RF&TEA)Nov-80
Southern and Southwestern Railway Club
(see Clubs and Associations)

Southern Pacific:

Platforms, Adjustable, for car repairs June-72*
Shop, Air-brake, HoustonFeb-55*
Tests develop air filter adhesiveMar-65*
Trucks, StraddleNov-101*
Welding process, Aircomatic, for aluminum pistonsFeb-76*

Southern Ry.:

Braking, Dynamic, Adding to locomotive unitsDec-69*
Jacks, Reservoir and draft gearMay-60*
Milling device, Bed plate, Diesel PortableMar-86*
Pit, Drop, Modified, for traction motor maintenanceMay-58*
Rack, Storage, for diesel engine casingsApr-87*

Specifications for materials report (Mech. Div.)

Speco, Inc., Ice and snow melting compoundFeb-82

Speed, Trading, for heatJune-66*

Spicer Manufacturing Div., Dana Corporation, Direct mechanical drive for caboose generatorsJune-95*

Spotcheck, Spray-on dye penetrant, Magnaflux CorporationApr-112*

Spray, Cleaning, All purpose, Kelite Products, Inc.July-111

Spray system, Pressure, for cleaning diesels (A&S)Mar-75*

Sprayer, Pistol, James A. Murphy & Co. July-111*

Spraying, Metal, diesel locomotive parts (CB&O)Apr-86*

Spring Packing Corporation, Diesel engine oil seal and coating compoundsOct-94*

Springs, Air cushion, for freight and passenger car trucks, Timken Roller Bearing Co.-General Tire & Rubber Co.Sept-90*

Springs, Truck, Diesel, Device for compressingMay-58*

Stabilizer Unit, Holland Ride, Holland CompanyAug-96*

Stair, J. Jr., Effect of design on locomotive maintenance (A.I.E.E.)Feb-75

Stand, Rotary, Parts storage, Union Metal Manufacturing Co.Jan-88*

Stand, Test, Spicer drive (UP)Nov-109*

Stands, Work, for large axle generators (WP)Jan-86*

Starters, Magnetic, Cutler-Hammer, Inc. July-86*

Steel, Copper-clad, Lukens Steel Company Jan-121

Steinbrink, C. F., Removing coil ends from commutator risersJuly-70*

Stiger, H. R., Dynamic braking for diesel-electric locomotives (A.I.E.E.)Feb-69*

Stop, Journal, RS, and Waste Retainer, J. L. Ryan (St.L.&S.F.)July-82*

Stotz, J. K., Four basic reasons for flash-oversNov-107

Stripper, Paint, Wyandotte Chemicals Corp.Nov-160

Strippers, Paint, Oakite Products, Inc. Aug-92

Studebaker Machine Co., Hydraulically operated vises and pressesMar-122*

Sturtevant, P. A. Company, Torque tester Aug-96*

Support, Safety, Brake beam, Grip Nut Co. Oct-92*

Support, Traveling, for riveting freight car roofsSept-89*

Suspension, Lowering, 3-lamp, Thompson Electric CompanyJan-94*

Sweeney, B. K., Manufacturing Co., Tachometer testerOct-94*

Switch, Interrupter, Load, Delta-Star Electric Div. H. K. Porter Company, Inc. Mar-120*

Switches, Safety, 600-volt, Trumbull Electric Dept., General Electric Company Jan-121*

Symes, J. N., Control of employees "on their own" (Mech. Div.)Av-57

T

Table, Sorting, for small parts of cars (L&N)Jan-55*

Talbot, Louis E., What is fuel for diesel locomotives?Mar-82

Tanks, Water, Diesel, Washing and cleaning (MBMA)Nov-67*

Tantalum strip, Precision rolled, American Silver Company, Inc.Nov-159

Tape:

Electrical, Permacel Two-in-One, Industrial Tape Corp.May-90

Neoprene, Electrical insulating, Bishop Manufacturing CorporationMar-146

Plastic, Colored, Permacel 32, Permacel Tape CorporationNov-156

Technical center, National Malleable & Steel Castings Co.Dec-62*

Technical Operations Incorporated, DES exposure shield for handling Cobalt 60 Sept-130*

Telephones for checking circuits in re-wired locomotives (SAL)Dec-76*

Temperature control, Engine, Locomotive, Kysor Heater CompanyOct-92*

Temperature control system, Car, Minneapolis-Honeywell Regulator Co.Oct-92

Terminals, Solderless, Flag-type, Aircraft-Marine Products, Inc.June-114*

Terminals, Solderless, for thin-walled insulation, Aircraft-Marine Products, Inc. Feb-82*

Tested Appliance Company, Automatic water purification systemAug-102*

Tester, Torque, P. A. Sturtevant CompanyAug-96*

Testing equipment:

Coil, Pick-up, for traction motor stators (General Electric)Nov-107*

for temperature switches and shutter controls (SAL)Nov-118*

for torque wrench dial settingsFeb-60*

High voltage, Model 424 Hypot, Associated Research, Inc.Feb-81*

Panel, for jumped cables (MP)Feb-67*

Panels for testing locomotive electrical equipment (AT&SF)Apr-97*

Resistor, Loading, for diesel-electric power plants, Westinghouse Electric CorporationJan-121*

Stand, Test, Spricer drive (UP)Nov-109*

Tachometer, B. K. Sweeney Manufacturing Co.Oct-94*

Universal, Baldwin-Lima-Hamilton CorporationAug-117*

Voltage, Ideal Industries, Inc.Sept-134*

Tests:

Bearings, Journal, Iron-back, Laudig Apr-69*

Boxes, Journal, Hot, for reduction of (N&W)July-45*

Coupler, Tightlock, Type H (Mech. Div.)Aug-62

Explosion, Crankcase, Fairbanks, Morse & Co.Jan-58*

Filtration, Air, Diesel engine (SP-Farr California Research Corp.)Mar-65*

Indicator, Flow, Pipe, Brake, Type B, report (ABA)Nov-75

Road and laboratory, for developing one-piece brake beam (American Steel Foundries)Feb-45*

Texas & Pacific Car and diesel Marshall wheel shopJuly-58*

Textile Processing Company, Permaproof 300 fire retardant processOct-92

Thompson Electric Company, 3-lamp lowering suspensionJan-94*

Thor Power Tool Company, Flux scaling hammersSept-132*

Timken Roller Bearing Company, Air cell springs for freight and passenger car trucksSept-90*

Tips, Spray, Bendix, Cleaning solution for, Scintilla Magneto Div., Bendix Aviation Corp.Sept-135*

Tool, Impact, Electric, Ingersoll-Rand CompanyDec-114

Tool, Spring compression for pole-changer overhaul (UP)Mar-97*

Tools, Steam, for diesel locomotive repair workApr-77*

Topper Equipment Company, Ultrasonic degreaserJuly-88*

Tower, Drying Sand, Hydro-Blast CorporationMay-92

Track, Rip, Blue Island (I.H.B.)June-81*

Tracks, Repair, Car, by R. H. HermanJune-87*

Train, Stopping, from the rear report (ABA)Nov-73

Transmission lines report (Elec. Sect.)Aug-86

Treatment, Water, for diesel cooling and feedwater systems report (MBMA)Nov-69

Truck, Lift, with electric transmission, Automatic Transmission CompanyJuly-108*

Trucks, Car:

Freight, Type-CC, Scullin, Steel CompanyJune-114*

Passenger, Super Dome, Pullman-Standard Car Manufacturing CompanyFeb-49*

Trucks, Locomotive, Three-motor, for 1,600-hp. road switcher (U.S. Army-Alco-G.E.)June-71*

Trucks, Straddle, put to many uses (SP) Nov-101*

Trumbull Electric Department, General Electric Company, 600-volt safety switchesJan-121*

Turco Products, Inc., Turco-Solv electric cleanerJune-114*

Twinmatic Corporation, Air pressure shut-off valvesNov-158*

U

Union Metal Manufacturing Company,

Parts storage rotary standJan-88*

Union Pacific:

Insulation, Field coil, Traction motor Feb-74*

Stand, Test, Spicer driveNov-109*

Stands, Work, for large axle generatorsJan-86*

Tool, Spring compression, and jack, for pole-changer overhaulMar-97*

United States Army (see Government)

United States Army Corps of Engineers, Westinghouse gas turbine power plantJan-98

U. S. Electrical Motors Inc., Type SS explosion-proof motorsJan-92*

Units, Twin, for applying semi-fluid air filter coatings, Paxton-Mitchell Company July-86*

Upholstery, Foam fabric, Andrews-Alderfer CompanyNov-153*

V

Valves:

AB, Cleaning of (C.M.St.P.&P.)June-90*

Gate, Lunkenheimer CompanyDec-111*

Regulating, Pressure reducing, A. W. Cash Valve Manufacturing Co.Nov-153*

Safety, Steam, Magnus Brass Co.May-95*

Safety, Vent-A-Drum, Central Safety Equipment Co.Dec-110*

Shut-off, Air pressure, Twinmatic CorporationNov-158*

Solenoid, Atkomatic Valve Company Jan-91*

Touch control, for hydraulic press operation, Denison Engineering Co.May-94

Vapor Heating Corp., Model OKJ-4740

Vapor-Clarkson dual-fuel steam generatorNov-149*

Varnish, Insulating:

Electrical, Irvington Varnish & Insulator CompanyMar-120

Heat-resistant, Irvington Varnish & Insulator CompanyAug-92

Silicone, Dow Corning Corporation Apr-112, Sept-128

Varnish remover, Non-inflammable, Craftint Manufacturing CompanyMar-122

Victorian Railways, All-service electric locomotives, English Electric CompanyJuly-77*

Viking Industries, Bench-type millJuly-86*

Virginian, Design of hopper-cars to eliminate corrosion, by L. W. DoggettJuly-56

Vise, Air, for holding pipe for threading and couplingSept-99*

Vise, Four-in-one, Brown Engineering CompanyMay-90*

Vises (see also Machine tools)

W

Wagon, Fire fighting, Rip track (St.L.-S.F.)July-68*

Washer, Window, Passenger car, Ross & White Co. (AT&SF)Feb-61*

Water conditioner, Package, Permutit CompanyAug-118*

Water purification system, Automatic, Tested Appliance CompanyAug-102*

Water treatment for diesel cooling and feedwater systems report (MBMA)Nov-69

Wedges, Journal-box, Reclamation of (AT&SF)Dec-64*

Weights, Car, Passenger, for Burlington ZephyrsApr-82

Welch, W. P., Hourglass axle bearingsDec-70*

Welding:

Aircomatic, for aluminum diesel engine pistons (SP)Feb-76*

and cutting report (Elec. Sect.)Aug-86*

Burner, Carbon arc, How to use, in battery repairMay-85*

Cylinder heads reclaimed by (MBMA) Dec-53*

Steel, Stainless, Light-gage, Pullman CompanyMar-71*

Welding equipment:

Calculator, Weld strengthNov-152

Flux, Hardfacing, Lincoln Electric CompanyNov-126

Jig for gondola side gussets (C&IM) Dec-61*

Ovens, Electrode, General Electric CompanyFeb-81*

Positioner, Heavy duty, Worthington CorporationDec-107*

Positioner, Work, Variable speed, All-State Welding Alloys Co., Inc.,Nov-152*

Welder, Arc, d.c., Selenium rectifier, Westinghouse Electric Corp.Nov-119*

Welder, Gas-shielded, General Electric Co.Dec-104*

Welder, Rectifier, Metal and Thermit CorporationSept-114*

West Chester Chemical Company, Sealant compound for pipe connectionsOct-92

Westinghouse Electric Corporation:

Luminaire, Component, Type SDPMay-94*

Luminaire, Shallow surfaceJan-91*

Motor, Type CAP-2 capacitorAug-118*

Power plant, Gas-turbine, Rail-mountedJan-98

Resistor Loading, for diesel-electric power plantsJan-121*

Rheostat, Motor-operatedJuly-84*

Welder, Arc, d.c., Selenium-rectifier Nov-119*

Wheel checker, Car, to detect broken flanges (RF&P)Apr-88*

Wheels, Car:

Freight, Steel, Type X-3, Griffin Wheel CompanyMay-61*

report (Mech. Div.)Aug-72*

Wheels, Locomotive:

Diesel, Defects in (LMOA)Nov-90*

Diesel, Inspecting (LMOA)Nov-86*

White, William, Railroadings is a business Aug-69

Wilkes, J. F., What corrosion inhibitors should and should not doSept-77*

Williams & Co., J. H.:

Gages, FeelerMay-118

Punches and chiselsMay-118*

Ratchet, ReversibleFeb-81*

Wilson, Fred, Reduce rough handling (RF&TEA)Nov-79

Wilson, W. T., CNR take employee relations seriously (RF&TEA)Nov-80

Wix Corporation, Felt paper filtrantApr-114*

Word, Printed, TheOct-50
 Worthington Corporation, Heavy duty
 welding positionerDec-107*
 Wright, Charles W., A.R.C.I., retiresAug-106
 Wyandotte Chemicals Corporation, Paint
 stripperNov-160

X, Y, Z

X-ray machine, Midget, General Electric
 CompanyJan-94*
 Yard, Coal, Cooperation in, by W. C.
 Baker (CDOA)Nov-61
 Yard, Train, operations, Analysis of
 (CDOA)Nov-62
 Youngstown Steel Door Company, Refrige-
 rator car doorsSept-114*
 Zuske, Harold J., Leece-Neville caboose
 generator drivesMar-95*

Supply Trade Notes

A

A-C Products CompanyApr-124
 Achenbach & Butler Co.Mar-128
 Acme Steel CompanyJan-106, July-98, Oct-98
 Adams, George R.Jan-110
 Aeroquip Corporation,Mar-135, Sept-123
 Air Filter CompanyAug-113
 Air Filter Sales & Service Co.Aug-108
 Air-Maze CorporationMar-139
 Air Reduction Sales CompanyMay-111
 Akers, Thomas E.Oct-100
 Albi Manufacturing CompanyJan-112, Feb-94
 Aldworth, Edward H.Apr-124
 Alexander, J. R.Mar-138
 Algie, Robert B.Mar-139
 Allen, E. WoodwardJan-109*
 Allen, Milton W. & SonNov-141
 Allen, Samuel G.June-126
 Allison, Wallace H.Oct-98
 Alloy Rods CompanyMar-135
 Aluminum Company of AmericaMar-128
 American Brake Shoe CompanyMay-113
 American Brake Shoe Company, Brake
 Shoe and Castings DivisionMay-107, Nov-135
 American Brake Shoe Company, National
 Bearings DivisionApr-124, May-107
 American Car & Foundry Co.Jan-106, Mar-141, June-126
 American Creosoting CompanyOct-107
 American Locomotive CompanyJan-102,
 Feb-88, Mar-136, May-108, June-128,
 Aug-107, Oct-98, Nov-136, Dec-93
 American Pacmor, Inc., Aircraft-Marine
 Products, Inc.Oct-100
 American Steel FoundriesFeb-94, Aug-113
 American Wheelabrator & Equipment
 Corp.Jan-112, Mar-139, Apr-122, Aug-
 108, Dec-94
 Anderson, Neil L.Jan-106
 Andrew, Herbert T.Jan-102*
 Angell, R. G.Aug-113*
 Angst, John E.Jan-106
 Anne, George E.May-107
 Armco Steel CorporationFeb-92
 Arnold, Walter P.Feb-96
 Austin Company, M. B.Aug-108
 Automatic Transportation CompanyMar-138
 Automotive Finishes, Inc.Aug-115

B

Bakelite CompanyNov-136
 Baker, Charles W.Jan-106
 Baker-Raulang CompanyJan-104, Mar-141, May-114
 Baker, WeldonJune-124*
 Baldwin-Lima-Hamilton CorporationJan-100
 Feb-88, June-125, July-92, Aug-114,
 Sept-123, Oct-107
 Baldwin, Whitford A.Jan-106
 Baldwin, William A.Mar-135
 Baltzell, W. A.Oct-111
 Balz, Charles E.June-123
 Barber-Colman CompanyJune-128, Aug-108, Dec-93
 Barber-Greene CompanyDec-93
 Barry, Louis T.Jan-106
 Barton, D. E.Apr-126
 Barzler, Payne C., Jr.May-113, June-125
 Basch, J. J.Oct-111
 Bathke Company, F. H.Dec-93
 Bay, Roger O.Aug-108, Nov-141
 Belury, N. GeorgeMay-113
 Bendix Aviation Corporation; Scintilla
 Magneto DivisionApr-128
 Benjamin-Foster CompanyMar-128
 Bennett, William H.Mar-138
 Bernuth, O. M.Oct-107
 Berry, Harold H.June-126
 Beswick, R. M.Aug-108*
 Betley, Matthew J.Mar-135
 Bevan, George T.Feb-96*
 Biges, S. E.Mar-138
 Bickle, W. F.Aug-115*
 Bixby, A. M.Aug-108
 Black, HughMay-113
 Blean, E. C.Mar-128
 Blessing, K. E.Jan-112, Aug-122

Block, Joseph L.July-96
 Bogue Electric Manufacturing Company
 Belco Industrial Equipment DivisionApr-124
 Bolin, LesterSept-123
 Bonner, Frank J.Sept-125
 Bonney Forge & Tool WorksAug-108, Nov-141
 Bower Roller Bearing CompanyApr-122
 Bowers Battery & Spark Plug Co.May-106
 Boyer, William A.Sept-125
 Brandon Equipment Company
 May-110, July-96, Aug-113

Bryant, Gordon R.Aug-108
 Brewster, Derrick L.June-128
 Brice, M. R.Jan-100
 Bridgeport Safety Emery Wheel CompanyMar-141
 Brookmeyer, F. R.Jan-110
 Brooks, D. O.May-106*, June-130
 Brown, A. C., Jr.May-111
 Brown, Gordon C.Apr-128
 Brownell, B. B.Feb-88*
 Brownlee, S. L.Aug-108, Sept-126*
 Bryson, HarryDec-94
 Buddington, Robert M.June-128
 Buffalo Brake Beam Company
 Aug-114, Sept-126, Oct-100, Dec-93
 Bullard, Roger S.June-128
 Burch, Lowell R.Aug-108
 Burgess Battery CompanyJune-123
 Burke, W. H.Apr-124*
 Burkhalter, R. R.Oct-100
 Burrows, W. J.Oct-98
 Busch, Charles R.Aug-114*
 Byers, A. M., Company
 May-113, June-125, Aug-113, Sept-125
 Byers, Buckley M.May-113, June-125*
 Byrne, James R.Sept-125*
 Byrnes, E. J., Jr.Sept-123*

C

C. & D. Batteries, Inc. Jan-110, Feb-88, June-125
 Call, DanFeb-92, Apr-124
 Callison, W. A.Dec-93
 Cameron, D. W.Feb-88, Mar-136
 Canadian Locomotive CompanyJan-122
 Candee, A. H.Sept-123
 Carbide & Carbon Chemicals Co.Nov-136
 Cardwell, LloydJuly-96
 Cardwell Westinghouse CompanyJuly-96
 Carey Mfg. Company, PhilipFeb-92, Apr-124
 Carlson, E. A.Apr-126
 Carlson, G. O., Inc.Jan-112
 Carr, Robert F., Jr.Mar-128, Apr-126*
 Carrie, Wilfred G.Aug-108
 Carroll, J. E.June-128
 Cartledge, T. D.June-128*
 Cavannagh, J. GordonFeb-90
 Chase Brass & Copper Co.Jan-104, May-113, June-125
 Chicago Freight Car & Parts Co.Apr-126
 Chicago Pneumatic Tool CompanyFeb-94
 Chicago Railway Equipment CompanyApr-126
 Chicago Steel ServiceOct-107
 Chinlund, J. T.May-107*
 Chinlund, James T.Sept-123
 Chipman Chemical CompanyOct-107
 Chisholm, J. S.Feb-88
 Christy, William G.Mar-136
 Clark Equipment Company
 Jan-100, Nov-135, Dec-94
 Clark, N. F.Oct-98
 Clarke, Allen W.Mar-141
 Clem, Albert H.May-108
 Colman, W. T.Aug-114
 Colorado Fuel & Iron Corp.Feb-88, Sept-123
 Columbia Machinery & Engineering Corp. Mar-141
 Colven, E. R.Dec-93
 Combustion Engineering, Inc., Superheater
 Company, Inc.June-126
 Condon, Harry R.Feb-96
 Connaughton, J. F.July-92
 Connor, John P.Feb-88
 Consolidated Machine Tool Corporation Mar-139
 Continental Supply CompanyOct-100
 Cook, C. BrentonMar-139
 Copperweld Steel CompanyFeb-90, Oct-100
 Corcoran, John F.Apr-124
 Cotter, G. L.June-128*
 Cottrell, R. B.Feb-94
 Couch, H. J.Oct-98
 Crawford, Marvin O.Oct-100
 Croft, William C.Mar-128
 Cryer, A. W.Apr-124
 Curtain, Edward J.Dec-93
 Curtis, George W.Dec-94
 Curtis, S. S.Sept-123
 Curtis, W. S.May-113, June-124
 Cutler-Hammer, Inc.Jan-100

D

Dana CorporationOct-100
 Daniel, Norman H.June-130
 Darrin, Ralph M., Jr.Dec-93
 Davis, Harvey N., Dr.Jan-96
 Dayton Rubber CompanyJuly-98
 Dean, Robert M., Jr.Feb-88
 Dearborn Chemical Company
 Mar-128, Apr-126, June-126, July-98
 DeLaney, John P.May-108*
 DeVilbiss CompanyJuly-96, Aug-107, Sept-123
 DeVilbiss Manufacturing Company, Ltd. Sept-123
 Devine, Robert H.Sept-124
 Devol, JohnMay-108
 Dewart, G. M.Sept-123
 Diamond Machine CompanyMar-141

Dickey, S. WhitneyNov-135
 Dixie Cup CompanySept-124
 Dixon Crucible Company, JosephMar-128
 Dobbrow, L. C.Aug-116
 Dominion Brake Shoe CompanyOct-100
 Donovan, C. T.Apr-124
 Donovan, Michael J.Nov-141*
 Double Seal Ring CompanyMar-139
 Doughman, W. M.Mar-128
 Drewniak, Robert J.May-113, June-130
 Droke, J. C.May-113, June-123
 Ducey, John F., Jr.May-107
 Duffy, Ben KingAug-115, Nov-135
 Duffy, L. F.May-113, June-128
 du Pont de Nemours & Co., E. I.Feb-88
 Durbon, W. K.Aug-108
 Dust Control, Inc.Aug-113

E

Edison, Inc., Thomas A.Jan-109, Aug-113
 Egbert, Perry T.Jan-102*, Feb-88
 Electric Service Manufacturing Company
 Jan-106, Oct-107
 Electric Storage Battery Company
 Oct-98, Nov-136
 Electro-Motive Division, General Motors
 CorporationFeb-88, Mar-128,
 Apr-124, May-106, June-130, Dec-94
 Ellicott, Charles R.June-125
 Ellis, George D.June-126
 Elmsblad, V. A.Jan-112
 Elsey, GeorgeFeb-90
 Elwell-Parker Electric CompanyMar-139
 Elwin, J. W.May-110*
 Emrick, V. B.Aug-108*
 England, Edward J.Apr-126
 Equipment Research CorporationJan-110
 Erickson, ForrestDec-93
 Euwer, Herbert D.Mar-141
 Evans, Ewart T.July-96
 Evans Products CompanySept-125
 Eversole, Dr. James F.Jan-112
 Everson, David B.Jan-112
 Everson Electric CompanyJan-112

F

Fagan, Thomas Z.Apr-128
 Fairbanks, Morse & Co.May-110
 Fairbanks, Morse & Canadian Locomotive
 CompanyApr-122
 Fairless, Benjamin F.Jan-113
 Farr CompanyJan-112, Mar-135
 Apr-124, Aug-108, Oct-111
 Fawcett, Kenneth T.Oct-100
 Fecht, Anthony C.Apr-124
 Feitt, Leonard E.Apr-126
 Ferguson, J. M.Oct-98
 Festge, Charles A.Jan-104
 Fibercast CorporationOct-98
 Fine Organics, Inc.Dec-93
 Finigan, Andrew G.July-92*
 Fischer, George J.Mar-135*
 Fitzgerald, Edward W.Mar-136
 Fitzpatrick, T. P.July-96
 Flinn, LeoMar-135
 Flowers, J. P.Oct-98
 Flynn, J. B.Apr-124
 Fontaine, J. E.Jan-112
 Franklin, Frederick F.Sept-125*
 Franklin Railway Supply CompanyApr-122
 Franz, A. F.Feb-88
 Fraser, Duncan W.Feb-88
 Frink, James C.Apr-122, Oct-98
 Fritts, W. N.June-130
 Frost, Ralph J.Nov-135
 Fulton, David Co.May-113, June-123

G

Galligan Company, James A.Dec-93
 Gardner, H. N.Aug-108
 Garlock Packing CompanyJuly-96
 Gasparini, A. E.Apr-124, May-106*
 Gay, L. M.Oct-98
 General American Transportation Corpora-
 tionAug-115, Nov-135, Dec-93
 General Electric Company
 Feb-96, May-113, May-114, June-130, Aug-115
 General Motors Corporation
 Feb-88, Feb-92, Mar-128, May-106,
 June-130, July-92
 General Motor Diesel, Ltd.June-130, July-92
 General Steel Castings Corporation
 July-96, Nov-141
 George, M. S.June-128
 Gerrity, E. F.July-96
 Gibbs, Lewis T.May-109*
 Gilcrest, BarthApr-126
 Gillies, Fred M.July-98*
 Gilmartin, J. R.Feb-92
 Gisholt Machine CompanyMay-109
 Gladwell, Ernest F.Sept-126, Oct-100
 Glass Fibers, Inc.Jan-110
 Glover, E. R.June-126
 Goheen, John L.July-92
 Goodfriend, R. E.Mar-128
 Goodloe, Glen W.Oct-111
 Goodwin, A. C.Oct-98
 Gorman, C. J.July-96
 Gould-National Batteries, Inc.Feb-88, Apr-124
 Grady, E. J., Jr.Oct-98
 Graves, JohnApr-124
 Gray, H. LiggettAug-115
 Gray, William G.Apr-124, Mar-108*

Graybar Electric Company
Jan-112, May-111, June-128, Oct-98,
Oct-111, Dec-94
Great Lakes Steel CorporationMar-135
Green, George L.Mar-128
Greenip, J. F.Apr-124
Greenway, W. W.Feb-88
Gregerson, J. H.Oct-98
Griffin Wheel CompanyApr-124, June-130
Grigsby, C. E.Feb-94
Grinnell CompanyNov-136
Grymes, Douglas, Jr.Feb-100*, Sept-124*
Gunn, E. S.Aug-115
Gustin-Bacon Manufacturing Company
Jan-104, Feb-96, Mar-128, Apr-124, Nov-135

H

Hacker, J. E.Feb-90, Dec-94
Halick, EdwardApr-126
Halleck, Norman C.Apr-122
Harper, John H.Oct-98
Harrelson, E. L.Oct-98
Hart, J. H.May-111
Harworth, Donald S.Mar-135, Oct-111
Haslett, Robert J.Mar-135
Heater, C. L.Feb-94
Heimer, BertFeb-88*
Herbert, BruceJune-92
Hess, Robert C.Jan-100
Hester, Lewis A.Jan-100
Hettinger, George R.Mar-138
Higgins, A. V.Jan-112
Hill, Gladstone C.Aug-108
Hill, Robert H.July-96*
Hobbs, Charles H.Mar-128
Hobson, Roy C.Nov-140*
Hoey, Bernard M.Apr-128
Hogan, William A.Nov-136
Holden, JohnApr-126
Holland CompanyJuly-94
Holt, Gilbert L.June-126
Hood, Clifford F.Jan-112
Hopkins, T. J.May-111
Horman, Edmund C.Mar-141
Hornbeck, R. M.Feb-90
Horrocks, DonDec-93
Howard, Blake C., Jr.Apr-124
Howard, Paul D.Mar-141
Hulson CompanyAug-108, Oct-107
Hulson, J. W.Aug-108, Oct-107
Humes, Gale S.Apr-124
Hutchinson, W. W.July-98*
Hyatt Bearings Division, General Motors
CorporationFeb-92, Mar-128
Hydraulic Press Mfg. Co.Mar-138

I

Iams, Charles, Jr.Apr-122
Imbur, E. M.Feb-90
Industrial Tape CorporationJuly-92, Aug-115
Industry Services, Inc.Jan-104
Ingwersen, John A.Feb-92
Inland Steel CompanyJune-128, July-96
Instone, W. R.May-106*
Irvine, J. M.Sept-124
Irvington Varnish & Insulator Co.; Fibron
DivisionApr-128
Isenberg, Martens H.June-126*
Isvolt, Paul J.Jan-106*

J

Jaccard, R. E.May-106
Jackson, R. P.Sept-123
Jameson, William D.Oct-107
Jamieson, R. A.May-111
Jenkins, R. H.Apr-122
Johnson Filter Sales CompanyMar-135
Johnson, Harry R.June-128
Johnson, L. L.Feb-88
Johnson, Ralph P.June-125*
Johnson, Dr. FranklinNov-136
Johnson, H. E.July-98
Johnson, Logan T.Feb-92
Johnstone, J. R.Sept-126
Jones, A. J.Oct-98
Jones, B. M.Aug-114*
Jones, Donald T.Feb-90
Jones, Harry W., Jr.Oct-107*
Jones, W. D.July-96
Jordan, Harvey B.Jan-113
Jordan, Philip R.Aug-108

K

Kalchthaler, C. W.Mar-128
Keeney, J. H.May-111
Keeran, William C.Feb-88*
Kelite Products, Inc.Aug-115
Keller, Fred L.Jan-112*
Kempner, JacksonJan-109
Kendall, David R.Feb-90
Kensel, RayOct-98
Kerr, D. T.Dec-94
Keyser, Howard W.Feb-94
Kidwell, J. F.May-106
Killen, William L.Jan-113
King, John A.July-96
King, Roy D.Dec-94*
Kinsey Manufacturing CompanyDec-93
Kiurski, DemeterApr-124*
Kolhoff, Marvin J.May-114, June-130
Kondra, Emil P.Aug-114
Koppers CompanyFeb-96, Aug-108

Koppers Company, Wood Preserving
DivisionSept-123
Kraich, C. W.Dec-94
Krape, Rudolph D.Feb-96
Kray, Charles V.Dec-93
Kreher, Harold J.June-128

L

Lacey, James W.Nov-136
Lafoon, C. M.Dec-94
Lamb, J. DouglasAug-108
Lamberton, Richard H.Aug-115
Landis Tool CompanyOct-98
Lang, H. J.Oct-107*
Larson, W. L.Oct-98
Law, James J., Jr.May-106
Leach, A. F.Feb-96
Leahne, T. L.Oct-98
Leese, Charles P.Nov-141*
Lewis, B. N.Aug-108
Lewis Bolt & Nut Co.Apr-124
Libby-Owens-Ford Glass Company
Mar-141, Sept-126
Liger, AndrewJuly-94
Lindsay, Albert H.Feb-94*
Lindsay, RobertJune-128
Lingle, EustaceAug-115
Link, Gordon P.May-108, Dec-93
Liston, AndrewJan-100
Lockridge, William R.Apr-124
Lockwood, W. G.Dec-93
Logan, DavidJan-112, Apr-122
Long, Russell E.Jan-100
Lord Manufacturing CompanyMay-111, Sept-123
Lull Manufacturing CorporationMar-141

M

M & J Diesel Locomotive Filter Corpora-
tionMay-112, June-128
Magnaflux CorporationMay-110
Magnesium Company of AmericaAug-113
Magnus Chemical CompanyDec-94
Maher, D. V., & Co.May-114
Maher, James P.June-130
Mahoney, T. J.Oct-98
Maines, Thomas J.Apr-122
Marchmont, G. T.Jan-112
Marshall, Neil & Pauley, Inc.Aug-108
Martin, E. H., Jr.Jan-112
Martin, Richard C.Aug-115
Mason, G. BurnettMay-113, June-123
Material Handling Products Corporation July-92
Mayfield, W. A.Aug-115
McCormick-Morgan CompanyJune-125
McCormick, N. J.June-125
McCoy, Richard K.Dec-93
McDonald, C. P.May-111*, June-124*
McDougall-Butler Co.May-114, Sept-125
McGee, P. A.June-126
McHale, P. J.Apr-126
McKellar, DouglasMay-111
McLaughlin, J. W.Aug-115
McMahon, M. W.Apr-122
McMullen, George R.Jan-104, Mar-128
McNamee, Dr. Raymond W.Nov-136
McNeily, R. W.May-113, June-130
McPeck, Francis W.Jan-110
Melcher, Lee W.Sept-126, Oct-98
Merrill, J. J.Sept-125
Michaels, HunterFeb-88, Mar-136*
Mid-West Forging & Manufacturing Co. Nov-141
Milligan, Thomas W.Mar-128*
Miller, George C.Aug-115
Miller, J. T.Aug-116
Miller, Mark M.Nov-140*
Millette, M. MiloAug-115
Minick, D. W.Aug-108
Minneapolis-Honeywell Regulator Company
Jan-100, May-111, June-124, Dec-93
Minnesota Mining & Manufacturing Co.
Mar-141, Nov-135
Misner, G. W.Nov-142
Mississippi Supply CompanyJan-100, Mar-135
Montreal Locomotive WorksFeb-88
Morris, J. E.Oct-98
Morris, Jack P.May-113, June-130
Morris, William S.Jan-102
Morse, William B.Apr-122*
Mortell Company, J. W.July-96
Moyer, Warren H.Oct-107
Mugan, Daniel B.Jan-109
Mullender, C. B.Jan-102
Mulrone, R. J.Jan-100*
Munford, Walter F.Jan-113
Munro, R. C.Aug-108
Munson, L. F.Aug-108
Murphy, John H.Nov-140*

N

National Brake CompanyAug-114
National Carbon CompanySept-126
National Malleable & Steel Castings Co. Oct-111, Nov-140
National Steel Car CorporationOct-107
National Supply CompanySept-123
National Tube CompanyMar-135
Naughton, F. U., Jr.Feb-92*
Nelson, R. J.Oct-98
New York Air Brake Company
Jan-100, Apr-124, Aug-108, Dec-93
Newby, C. L.Mar-128
Nickel Cadmium Battery Corporation Feb-94

Noble, Stanley E.Oct-100
Nolan, James E.June-128

O

Odell, H. R.May-109
Ohmite Manufacturing CompanyDec-94
Oldroyd, Frank L.Aug-115
Oliver Iron & Steel Corp.May-108
Olsen, Chester A.Dec-94
O'Neill, E. D.Oct-98
O'Neill, E. P.Feb-92*
Orr, H. E.May-111
Orr, W. W.Oct-98
Orth, Robert L.Aug-108
Owens-Illinois Glass CompanyAug-108
Oxweld Railroad Service CompanyNov-136

P

Packard, D. I.Mar-128, May-110*, July-96
Parker-Kalon CorporationDec-93
Patriquin, Richard T.Mar-138
Paxton-Mitchell CompanyFeb-90
Pelletier, F. H.June-125
Pennsylvania Flexible Metallic Tubing
CompanyMar-138
Pennsylvania Salt Manufacturing Company
Apr-124, May-108, Aug-116
Permacel Tape CorporationJuly-92, Aug-115
Perrault Fibercast CorporationOct-98
Peterman, JamesMay-106
Peterson, Stephen G.Dec-93*
Peterson, TomDec-93
Pichard, F. J.Jan-112, Apr-122
Pittsburgh Air Filter Service Company Mar-135
Pittsburgh Corning CorporationJan-112
Pittsburgh Plate Glass CompanyApr-128
Pittsburgh Screw & Bolt Corp. Mar-139, Apr-124
Player, JosephApr-126
Pommier, R. G.Apr-124, May-107*
Poorman, S. L.Nov-142
Porter Company, H. K.Jan-109
Powell, John S.Jan-112
Pratt, Alfred E.Feb-88
Pressed Steel Car Company
Jan-113, Feb-88, Apr-128
Probeck, Armand A.May-114
Pullman CompanyAug-108
Pullman-Standard Car Manufacturing Company
Mar-128
Pylat, J. A.Apr-124
Pyle-National Company
Jan-110, Mar-128, Apr-124, May, 108, Aug-108
Pyrene Manufacturing CompanyNov-136

Q

Quail, Wallace B.Feb-92
Quaker Rubber CompanyMar-138, Aug-107

R

Rail Flange Lubricator CompanyDec-94
Ralston Steel Car CompanyMar-139
Randall, Clarence B.July-96
Reagan, William E.Dec-93
Reed, E. H.May-108
Reed, Harry B.Aug-108*
Reed Roller Bit Company, Cleco Air Tool
DivisionOct-98
Reeves, R. L.July-94*
Reily, Edward F.May-111
Rethmeyer, Harold G.May-113, June-123
Reynolds Metals CompanyMay-111, Oct-111
Richardson, C. A.Jan-112*, Feb-94
Riddell, J. W.May-111
Rigidized Metal CorporationOct-107
Ritchey, Robert J.Mar-136
Roach, David F.May-113, June-123
Robbins, Fred A.Aug-108*
Robertshaw-Fulton Controls Company Dec-94
Robertson, T. O.Feb-88
Robinson, R. S.Oct-111
Roebing's Sons Company, John A.Feb-88
Roeller, Russell S.May-108
Rogers, C. M.June-125
Rollins, Edward D.Aug-115, Nov-135
Rollway Bearing CompanyJuly-92
Romulus Tool & EngineeringApr-126
Ross, AlexanderMar-136*
Ross, I. D.Nov-142*
Ross, J. A., Jr.Aug-115
Rothschild, Herbert F.Mar-128
Rubrecht, Paul W.Jan-112
Rusch, Fred W.Mar-139
Rust-Oleum CorporationMar-141
Ryerson, Joseph T., & Son, Inc.May-110

S

Safety Car Heating & Lighting Co. Feb-94, Oct-107
Safety Seal Piston Ring Company
June-124, July-96
Sager, R. P.Oct-98
Santry, Joseph V.June-126*
Sass, C. H., Jr.Apr-124
Saunders, G. E.Aug-115
Scallan, John W.Mar-128*
Schickedanz, H. J.Sept-123
Schiele, Edward A.Jan-113
Schmale, Francis L.Mar-139
Schmidt, I. W.Oct-107
Schneider, Harry E.Feb-90
Schoonmaker, E. H.Sept-123*
Schraer, T. C.Jan-100
Schwartz, Dr. Harry A.Oct-111*

Scolari, M. Wayne May-113, June-123
Scullin Steel Company June-128
Seery, Frank E. Aug-115
Seidel, Robert B. Oct-107
Sekera, C. J. Nov-142
Seneca Tool Corporation Sept-126
Senger, Werner I. May-109
Sennstrom, H. R. Mar-136
Seyer, C. F. Jr. Sept-123
Sharp, Carl J. July-98
Shearwood, A. P. Oct-107
Shepard, Erwin C. Aug-108
Sherwin-Williams Company
Jan-112, Mar-139, Apr-128, July-96, Sept-125
Shirreffs, Alexander Apr-122
Shipley, T. G. Jan-106
Short, H. M. Dec-93
Shotwell, W. P. Feb-94
Silcox, Lewis K. Jan-100, Aug-108
Silvercote Products, Inc. Mar-141
Simplex Wire & Cable Co. Apr-124
Simpson, Joseph I. Oct-100
Sipe, Samuel M. Apr-124
Sipp, Edward A. Mar-139
Skene, Julius E. Aug-108
Skipton, George May-113
Skog, Charles A. Aug-115
Small, John D. Apr-128
Smilianich, D. S. Feb-88
Smith, A. J. Apr-122
Smith, A. O., Corporation
Sept-126, Oct-100, Nov-136
Smith, Albert Sept-124
Smith, Goff Aug-113
Smith, Herbert J. Feb-96
Smith, J. Jos. Oct-98
Smith, I. R. Aug-114
Smith, P. C. Mar-139
Smith, Robert McNeal Apr-124
Smith, Van Dorn C. Aug-115
Smithers, William B. July-92
Snap-Tite, Inc. May-114
Snyder, G. H. Feb-94
Speer Carbon Company Jan-110
Speer, John S., II Jan-110
Spitzer, H. E. Apr-128
Spring Packing Corporation Mar-128, Oct-111
Standard Car Truck Company Nov-141
Standard Pressed Steel Company Jan-102
Standard Railway Equipment Manufacturing
Company Aug-115
Stevenson, Merritt S. May-114
Stewart, C. D. June-128, Dec-94
Stickers, Alec Sept-123
Stokes, John D. Feb-88
Stoothoff, B. O. Oct-98
Strotenburg, R. M. Dec-94
Sugg, W. R., Jr. Mar-139
Superheater Company Aug-108, Sept-126
Swanson, Frank J. July-94
Swantz, John W. Aug-108
Sweeney, Robert S. Jan-109
Sylvester, Edmund Q. Apr-124

T

T-Z Railway Equipment Company Apr-122
Tabors, Robert G. Aug-114
Technical Products Service & Sales Co. Apr-124
Terrell, R. L. Dec-94
Terry, Maynard B. Oct-100
Texas Company Apr-124, May-113, June-123
Thomas, Edward M., Jr. Feb-90, Mar-128
Thomas, Warren A. Dec-94
Timken Roller Bearing Company Aug-108
Tipton, Warren A. Aug-108
Tolton, George C. Aug-108
Toman, F. H. Oct-111
Torres, A. P. Mar-136
Towensend Company Dec-93
Tulocith Sales Corporation Apr-124
Turchan Follower Machine Company Apr-124
Turner, Otto C. June-130
Turner, P. R. June-130

U

Uline, William A. Apr-128
Union Asbestos & Rubber Co. Apr-124, Apr-128, May-108
Union Carbide & Carbon Corp. June-128, Aug-115, Nov-136
United States Rubber Company Aug-108
United States Steel Corporation
Feb-88, Mar-135, Apr-122, Aug-108
United States Steel Supply, Division of United
States Steel Corporation Feb-88, Nov-136

V

Valley Bearing & Equipment Co. Sept-126
Van Moss, John H. Jan-109
Vanadium Corporation of America Sept-125
Vanbeber, William C. Oct-107
Vapor Heating Corporation
Feb-88, May-107, June-128, Sept-123, Oct-98
Vaughan, Roger E. Mar-139
Vaughan, Dr. Thomas H. July-94
Venrich, Charles F. June-128
Vergan, W. E. Jan-104

W

Wagner, Daniel J. May-107
Waldbauer, Walter M. May-111
Walker, A. R. Feb-88

Walmsley, C. A. Jan-106
Walsh, Thomas S. Mar-141
Ward, Arthur Feb-96
Ward, Donald R. Sept-125
Warman, H. L. Oct-98
Warner, William M. June-130, July-92
Warner, Paul T. Feb-88
Watkins, Sam R. Apr-124, May-107
Watson, K. C. Aug-108
Watson, Robert Aug-108
Watson-Stillman Company Jan-109
Watson, W. E. Apr-122
Waugh Equipment Company Aug-108, Oct-98
Waukesha Motor Company Sept-126, Oct-98
Webster, F. H. Apr-122
Weiffenbach, J. F. Apr-122
Weil, Charles F. Jan-110, Feb-88
Wennberg, C. J. Apr-122
Werlich, C. J. May-110
Westinghouse Air Brake Company
Feb-90, May-109, June-128, Aug-108,
Nov-142, Nov-144, Dec-94
Westinghouse Electric Corporation
Feb-88, Mar-139, Apr-122, May-113,
June-123, Aug-115, Oct-98, Dec-93
Weygand, W. G. Apr-122
Wheel Truing Brake Shoe Company Apr-124
Whitehurst, Roland Nov-136
Whiting Corporation Apr-126
Wick, George D., III Jan-100
Wiedmann, J. A. Oct-107
Wieschus, Leroy J. Dec-94
Wilkening Manufacturing Company Sept-126
Wilkes, J. F. June-126
Williams, H. K. Feb-94
Williams, John D. July-92
Williams, L. M. Feb-88
Williams, Ray C. Nov-141
Williams, S. L. Aug-108
Willis, Newton H. Oct-98
Wilson, W. A. July-96
Wiss, H. W. May-109, Nov-142, Dec-94
Wolf, H. W. Feb-90
Wondracheck, E. A. Feb-90
Wright, Chester H. July-96
Wyandotte Chemicals Corporation July-94, Oct-100
Wyrick, Grant I. Mar-128

X, Y, Z

Yale & Towne Manufacturing Co. July-92, Oct-107
Yearley, B. C. Oct-111
Youngstown Sheet & Tube Co. Jan-100, Oct-98
Youngstown Steel Car Corporation Mar-138
Youngstown Steel Products Company Oct-100
Youngstown Steel Products Company of
California Oct-100
Zaoral, Charles T. Jan-100, Aug-108

Supply Trade Notes—Obituaries

Anderson, Otto H. Aug-116
Augur, Robert C. Sept-126
Badeau, Edward C. July-100
Block, Leopold E. Jan-113
Bullard, Edward Payson, Jr. Aug-116
Cain, Basil S. Mar-141
Caine, Charles H. Aug-116
Carlton, R. P. Aug-116
Gardner, Robert H. May-114
Gilliam, Paul M. Jan-113
Johnson, Roy F. Nov-144
Klinedinst, L. M. Oct-111
LeBlond, Richard K. May-114
Masterman, T. W. Dec-94
Mayer, George L. Jan-113
McCraven, J. M. P. Feb-100, Mar-142
Raps, John F. Aug-116
Ross, Frank E. Sr. Aug-116
Rowell, Kendall B. Jan-113
Ryan, William M. Mar-141
Sandblade, Henry J. Feb-100
Singer, Arthur J. Aug-116
Spencer, Fred Henry Apr-128
Swan, Horace G. Nov-144
Teufel, Fred G. Sept-127
Tietz, Herbert D. Nov-144
Weber, Robert J. Feb-100
Williams, Emmett A. June-130
Young, James L. Feb-100

Personal Mention

A

Adams, D. W. June-136
Aenckbacher, H. E. Apr-133, Oct-124, Nov-148
Alexander, Lynwood B. Apr-134, Nov-148
Anderson, D. W. Jan-116
Arnold, N. D. Jan-116
Askew, Harold W. Jan-117
Atkinson, J. W. Nov-145

B

Babb, Richard Dec-102
Baker, Robert L. Feb-100
Barber, W. C. Feb-110
Barnes, C. E. Nov-148
Barnett, Ernest D. Jan-113

Batchman, R. F. June-199
Bauer, James S. May-115
Beckel, L. June-139
Beischer, G. M. July-104
Benger, W. Frederick A. June-135
Benckendorf, C. G. July-100
Benson, M. R. Sept-127
Bergman, H. S. June-138
Bernhofer, M. T. Jan-116
Best, A. Jan-117
Bickley, W. P. Nov-145
Billings, C. W. Jan-113
Birch, W. A. May-116
Bland, C. R. Nov-148
Bomersback, Tony M. Apr-130
Bork, Robert A. Sept-128
Borman, R. M. Apr-130
Boulay, W. H. Mar-144
Bradley, Ernst E. July-106
Brakke, H. E. Jan-116
Brandt, J. G. Dec-102
Breon, B. O. Feb-104
Brooks, Charles P. Aug-116
Brown, Jesse O., Jr. Nov-145
Brown, L. F. Aug-116
Bruere, G. M. Aug-117
Brule, W. A., Jr. Mar-145, June-139
Buck, G. A. May-115
Buker, Phillip G. Dec-102
Bullard, Dewey F. July-100
Bunce, F. W. Sept-127
Burn, Robert July-104
Burns, V. T. July-102
Busidecker, R. H. July-102

C

Callagan, D. H. Sept-128
Cannon, J. A. Nov-148
Capistrant, D. T. July-106
Carlin, J. D. Jan-117
Carpenter, J. M. Aug-117
Cason, J. G. Oct-124
Chatham, Hayne K. Jan-120
Cheatham, G. R. June-135
Chesney, W. P. Jan-116, Feb-103
Chidley, William H. June-139
Churcher, G. C. Oct-116
Clement, Bennie T. Aug-117
Cochrane, O. July-107
Coffin, Scott A. July-104
Cole, C. W. July-107
Coleman, John W., Jr. May-116
Coleman, Walter G. Aug-116
Collins, J. A. Oct-124
Collins, H. W. June-139
Collins, W. F. May-115
Cone, Earl C. Sept-128
Converse, J. O. July-102
Coonery, J. R. Oct-116
Cone, E. C. July-107
Corley, Milton T. Jan-113
Cowdrey, W. R. Jan-116, Mar-143
Cox, W. C. Jan-116
Craft, D. R. Jan-116
Crandall, M. H. Jan-116
Craw, C. M. Feb-110
Cronnoble, H. G. Feb-110
Culbreth, R. F. July-104
Cunningham, Sam G. July-107

D

Daniel, A. J. Jan-120
Daniels, L. Z. Nov-148
Davies, J. Oct-116
Davis, Marion J. June 139
Dawson, James H. Aug-117
Decker, David H. Nov-148
DeFreest, J. E. July-104
Dennard, B. Atticus June-139
Denney, Forrest R. Nov-148
Deppe, J. A. Dec-102
Dobbs, John V. May-114
Dobbs, William B. Oct-124
Dot Shults, W. Oct-124
Double, F. C. May-116
Drew, H. R. July-100
Duehne, H. H. June-138
Duncan, J. A. June-139
Dunlop, J. B. Dec-102
Dunsmore, D. F. Feb-103

E

Eagel, D. L. Nov-145
Easton, O. L. July-102
Edwards, F. E. July-104
Ehrman, S. M. Nov-145, Dec-102
Elrod, Henry J. June-139
English, Lyle B. Dec-94
Everett, E. E. June-138

F

Farmer, Thomas Nov-145
Faus, Herbert W. Mar-144
Ferencik, John J. June-136
Ferguson, C. W. Dec-102
Fiedler, A. H. Nov-148
Fisher, Ralph B. July-100
Fister, W. A. W. Oct-124
Flanagan, G. J. June-138
Fleming, Nolan G. June-139
Floyd, George A. June-139
Floyd, R. E. Jan-117
Foster, John C. Sept-127
Foster, S. D. June-138
Fraker, J. O. Dec-102

Francis, J. P. Aug-117, Oct-116
Franklin, Richard E. Jan-120, Feb-110*
Friel, H. R. July-106
Fulton, W. J. Sept-128

G

Gaeth, R. C. Jan-116
Gammon, C. A. Jan-116*
Gantham, L. A. Nov-145
Gates, R. S. Jan-117
Gearhart, John A. Mar-145
Gebhardt, E. W. Feb-106*
Gelly, R. G. Dec-102
Gentry, H. C. Jan-116
Gillon, W. E. Jan-116
Gividen, G. R. July-102
Graft, R. H. June-138
Gray, Clarence H. Aug-116
Griffith, Charles W. May-115
Grote, E. L. Nov-145
Grothe, H. A. Sept-128
Grubb, D. L. Jan-117
Guhl, Cecil A. Mar-144
Guins, S. G. Oct-116

H

Hagen, A. M. July-100
Haley, E. J. Sept-127
Hall, Albert L. Jan-117
Hall, C. L. June-138
Hall, Earl D. Feb-104
Hallenberg, A. W. Dec-102
Hamilton, John May-115
Hamilton, W. S. H. Mar-144, Apr-132*
Hanly, E. C. Aug-117
Hansen, Jake Sept-128
Hanson, L. O. July-106
Harling, James N. Oct-124
Harmon, Oscar T., Jr. Oct-124
Harper, R. L. Apr-134
Hatchett, James K. Apr-130
Haupt, H. C. Mar-144
Haynes, William E. Jan-120
Hays, L. D. June-139
Hedgepath, Earl A. Jan-120
Henning, C. R. Jan-117
Henley, Russell G. May-117*
Henry, Rufus A., Jr. Jan-117
Hesclon, James A. June-132
Hespen, H. W. July-106
Hewitt, H. G. Nov-145
Hicks, H. H. Oct-116
Higgins, Reuben M. Oct-124
Hippe, R. C. June-136
Hoesly, H. B. July-106
Hoffman, F. L. July-104
Hogan, Stanley G. Oct-124
Holcomb, E. M. Jan-117
Horst, W. C. June-136
Hoskins, Jr., Paul T. Dec-102
Huebner, W. L. Dec-94
Hughes, S. O. July-104
Hunt, Robert B. June-136*
Hutchison, James P. June-139
Hyatt, E. L. July-104

I

Illig, W. E. Dec-102
Isaacson, Peter I. Aug-116, Oct-112
Isham, Lester E. Apr-130
Ison, J. L. K. Nov-145
Iverson, E. F. Feb-110

J

Jacobsen, Robert L. Mar-144, Apr-130, May-116
Jamison, P. G. Aug-117
Jarrett, Henry W. Oct-124
Jenkins, C. E. Jan-116
Jennings, O. J. Jan-117
Johnson, E. L. June-138
Johnston, C. J. Dec-102
Johnston, R. C. Sept-128
Jordan, C. A. Sept-128

K

Kania, V. F. Jan-117
Kearney, Thomas F. Aug-116
Keir, P. Dec-102
Kell, J. A. Oct-116
Kelley, Emmett J. Oct-112
Kelly, E. J. Aug-116
Kelly, Walter D. July-107
Kelly, William Oct-116
Kennard, R. A. Jan-116
Kerfoot, H. C. Oct-116
Kiefer, Paul W. Apr-132*
Kinsey, William R. Mar-145, June-139
Kirby, J. M. Nov-145
Kleinfeld, R. B. Oct-116
Kleinkopf, L. R. June-136
Kniss, A. R. Aug-117
Knorr, Chester E. Nov-148
Knowlton, C. H. June-138
Kossuth, F. J. June-138
Kuhn, S. T. June-138

L

Ladd, Vaughan L. Oct-112*
Lal, Paul P. Mar-144
Lahey, F. T. Nov-145
Landmesser, W. W. Aug-117
Langdon, A. Oct-116
Lanning, H. K. June-132*
Larkin, Mathew L. Mar-144
Larson, J. J. Mar-144, July-104
Laughlin, L. W. July-102
Lawler, G. M. Dec-94

Leavitt, L. V. Jan-116
Ling, Quentin R. Jan-117
Llewellyn, R. W. Jan-116
Levernosh, H. F. Dec-102
Lockwood, H. T. Oct-116
Loffis, John D. June-136, Aug-116, Oct-112*
Lomax, Walter C., Jr. Oct-124
Long, T. R. Oct-124
Lynn, R. L. Apr-133

M

Mackey, H. F. Nov-145
Marcroft, John Dec-102
Marks, C. G. Dec-102
Marple, C. J. July-106
Marshall, W. H. Jan-116
Martin, A. G. June-136
Martin, Harry R. June-139
Martin, I. W. June-138
May, Rufus J. Nov-148
McAmis, C. H. Jan-120
McAmis, W. H. Jan-116
McElroy, Clarence May-115
McElwain, J. B. Aug-117
McFarland, H. C. June-139
McGavock, G. P. July-107*
McGregor, L. S. Dec-102
McGuire, N. F. Aug-117
McIlven, H. L. June-138
McKinney, Conrad F. Mar-144
McKinney, Rex R. Jan-117
McNertney, F. E. Jan-116
McPhee, A. D. Nov-145
Melker, Charles E. Feb-110, Mar-143*
Mercer, H. S. Jan-120*
Meredith, G. W. Apr-133
Metzger, M. P. July-104
Miller, C. E. June-138
Miller, G. A. July-104
Miller, Karl F. July-104
Minor, R. E. Oct-124
Mishelske, Theodore July-100
Mitchell, Frank K. June-137*
Mitchell, Richard H. Apr-130
Mittman, H. W. Jan-116
Mochrie, R. M. Nov-145
Mock, Palmer S. Mar-144
Moody, Clarence A. Feb-110
Morrison, Richard M. Aug-117
Mustain, E. S. July-104
Mustard, R. W. Dec-102
Myers, Arnold Aug-116

N

Nagy, Stephen Aug-117
Nelson, C. P. Feb-110
Nelson, C. W. Mar-143
Newman, W. A. May-116*
Nicholson, J. M. June-132*

O

O'Brien, E. J. July-106
O'Brien, L. L. June-136
Ohnesorge, W. H. Oct-116
Oliver, P. R. July-102
Oliver, S. D. May-116
Olsen, R. B. Oct-116
Ortleib, J. J. Mar-144
Osteen, Jr., A. A. Dec-102
Owens, D. B. Jan-117

P

Park, J. A. Jan-120
Parker, John L. Sept-128
Parsons, R. J. June-138
Patton, C. S., Jr. Mar-144, Apr-133*
Peters, J. K. Mar-144, Apr-130
Pheps, Barton P. Aug-116, Oct-112
Phillips, R. P. Oct-124
Plamondon, Clifton A. June-132
Plummer, W. S. Aug-117
Pond, C. E. Mar-144, Apr-133*, May-117*
Pownall, W. A. Sept-128

Q

Quaney, Delbert L. Dec-94
Quiggins, J. B. Nov-148
Quinn, R. E. Jan-116

R

Rabun, L. H. Dec-102
Radabaugh, D. A. Nov-148
Ray, A. B. Aug-116
Reed, J. L. Feb-110
Reister, William C. July-100
Rentsch, R. V. Jan-116
Rentschler, Sherman O. May-114*
Reum, M. W. July-104
Reynolds, H. W. July-106*
Rideout, Charles T. Oct-116
Riegel, M. S. June-138
Risk, R. R. Dec-102
Robertson, G. S. July-102
Robinson, Frank A. Apr-130
Rollwagon, H. A. Apr-130
Rountree, J. F. Jan-117
Ruettiger, Edward G. June-136
Ruskaup, F. C. June-138

S

Schleibs, Fred J. Aug-116, Oct-114*
Schreyer, G. C. July-102
Schumann, C. F. Dec-102
Schweinebraten, Walter G. Jan-120
Schwine, Cecil D., Jr. Jan-120
Scott, H. L., Jr. July-107

Sennhauser, G. J. Oct-116
Seriemo, A. J. June-139
Shannon, J. C. July-104
Sharp, Marion C. Aug-116, Oct-116
Sherwood, J. K. Aug-117
Shoulty, Frank A. Dec-102
Shults, L. C. Dec-102
Simpson, Walter W., Jr. July-107, Aug-117
Slusher, A. R. July-107, Aug-117
Smallridge, D. H. June-139
Smerke, F. A. July-102
Smith, C. R. Jan-120
Smith, Robert C., Jr. Aug-117
Sneddon, R. R. June-138
Spencer, H. R. Jan-116
Spoonier, Gordon E. Feb-100*, Apr-130
Stark, E. F. July-106
Starr, Paul D. Mar-143, Apr-130
Steding, H. F. Jan-120
Stewart, C. M. Jan-117
Stewart, Gordie June-137*
Stickley, Robert M., Jr. Mar-144
Stiglmeier, Albert F. Feb-104*
Stone, J. L. June-139
Stone, Joseph L. Mar-145
Strohl, Bert L. Mar-144
Strong, Jr., G. T. Dec-102
Stroud, J. H. Aug-116
Strutz, W. J. Feb-100
Stultz, J. S. Sept-127
Swauger, J. D. Dec-94
Swygert, Marlon D. Oct-124

T

Thom, R. G. Oct-116
Thomas, F. June-138
Thomas, H. H. Feb-110
Thomas, J. V., Jr. Oct-124
Thompson, Edwin L. Jan-120
Trexler, H. C. Dec-102
True, Walter E. May-115
Tuck, Roston Dec-94
Turpin, Ed. B., Jr. July-107

U

Underwood, Jr., Harvey L. July-107
Upton, F. A. July-100
Urbach, Henry H. Mar-142*

V

Vanderland, W. A. May-115
Vandiver, E. M. Jan-120
Vanier, A. J. July-100
Van Nortwick, J. R. Apr-130
Voight, A. E. May-114

W

Waldnupe, Archie G. Oct-124
Walker, J. Page Mar-144
Walton, George M. July-107
Ward, O. E. Jan-116
Wardwell, W. C. June-139
Waters, L. J. Nov-148, Dec-102
Weatherall, W. J. Nov-145
Weaver, G. R. Sept-128
Westbrook, A. T. G. Jan-113
Wetzel, J. A. July-102
White, E. B. Sept-127
White, J. C. Jan-117
Williams, Walworth B. May-115
Williams, William C. July 107
Willis, William C. June-139
Wilson, G. T. June-138
Wilson, Melvin R. Aug-116, Oct-114*
Wilson, William J. Sept-128
Wingert, H. R. Sept-128
Winter, Paul S. Aug-116
Withers, Hamilton E., Jr. Jan-120
Witten, H. A. May-116
Woerner, Y. Z. Dec-102
Wood, George L., Jr. Sept-128
Woolley, Fred Nov-145
Woolley, Leonard Nov-145
Wright, A. L. June-138
Wright, D. D. Jan-120
Wright, E. H. Apr-130, May-116
Wright, J. J. June-138
Wyatt, H. C. Mar-144, May-117*

Y

Yarber, W. H. Jan-117
Yoakam, L. R. Oct 124

Z

Zydor, Heinz P. Mar-144

Personal Mention Obituaries

Bilty, Charles Henry Feb-110
Bryan, R. D. Aug-117
Doarnberger, J. A. Oct-124
Goebel, R. C. Aug-117
Henley, R. G. Aug-117
Howard, John W. Oct-124
Jones, Lloyd B. Aug-117
Jumper, Frank J. Jan-120
Newman, William Arthur Apr-134*
Patten, G. F. May-118
Pearman, Claude A. June-139
Stewart, M. D. Dec-102